

## Melatonin (MT) Small Molecule | MT small molecule

BSA Conjugated Melatonin (MT)

CATALOG #  
**AAA146847**

APPLICATIONS  
**SDS-Page**

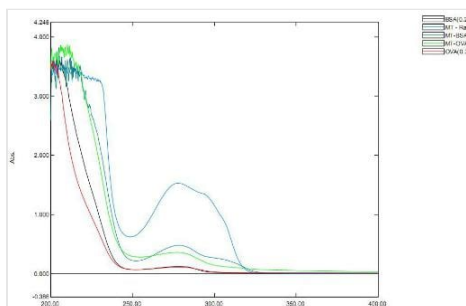
### PRODUCT SYNONYMS

Melatonin (MT); BSA Conjugated Melatonin (MT); N-Acetyl-5-Methoxytryptamine; MT small molecule

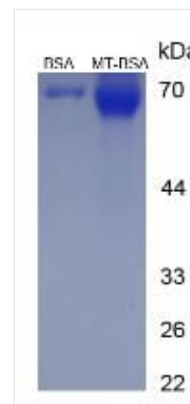
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification                           | >90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Form/Format                                   | 10mM PBS, pH7.4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Concentration                                 | Original Concentration: 3.3mg/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Applicable Applications for MT small molecule | SDS-PAGE, Immunogen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Source                                        | Protein Conjugation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Original Chemical Formula                     | C13H16N2O2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Traits                                        | Freeze-dried powder.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Usage                                         | Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Preparation and Storage                       | <p><b>Storage:</b></p> <p>Avoid repeated freeze/thaw cycles.</p> <p>Store at 2-8 degree C for one month.</p> <p>Aliquot and store at -80 degree C for 12 months.</p> <p><b>Stability Test:</b></p> <p>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p> |

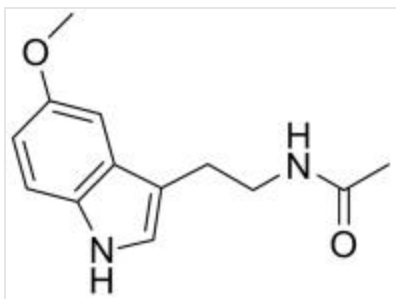
### IMAGES



Application Data



SDS-PAGE



Structure

## ADDITIONAL INFORMATION

Product Categories/Family for MT small molecule

[Conjugated small molecules](#)

## NCBI AND UNIPROT INFORMATION

Molecular Weight

Original Mol. Mass: 232.3Da

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/small-molecule/melatonin-mt/146847>