

## diABZI-C2-NH2 biochemical

diABZI-C2-NH2

CATALOG #  
**AAA228151**

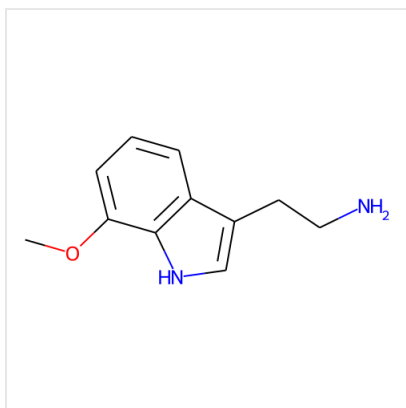
### PRODUCT SYNONYMS

diABZI-C2-NH2; diABZI-C2-NH2 biochemical

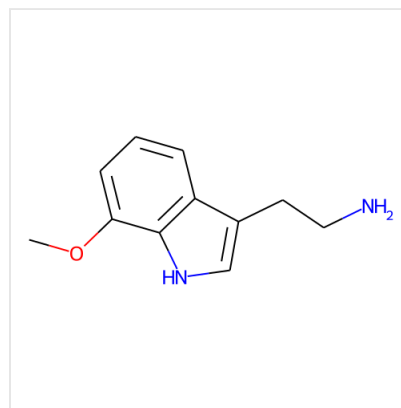
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| CAS                     | 2137975-93-8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Solubility              | <1mg/ml refers to the product slightly soluble or insoluble                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| In vitro                | The author developed a linking strategy to synergize the effect of two symmetry-related amidobenzimidazole (ABZI)-based compounds to create linked ABZIs (diABZIs) with enhanced binding to STING and cellular function. Intravenous administration of a diABZI STING agonist to immunocompetent mice with established syngeneic colon tumours elicited strong anti-tumour activity, with complete and lasting regression of tumors[1]. diABZI-C2-NH2 is covalently immobilized on sepharose beads and is used to affinity-capture potential target proteins from a THP1 cell lysate[1]. |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

### IMAGES



Structure  
7-Methoxytryptamine, CAS 2436-04-6



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### ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                      |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for diABZI-C2-NH2 biochemical | diABZI-C2-NH2, an active analogue containing a primary amine functionality, is a STING agonist.                                                                      |
| References                                                | 1. Nauzer P. Dubash, Naveen K. Mangu, Apparao Satyam. (2004) Synthesis of 7-Alkoxy/Hydroxy-alpha-methyltryptamines. Synthetic Communications 34:10, pages 1791-1799. |

NCBI AND UNIPROT INFORMATION

|                  |         |
|------------------|---------|
| Molecular Weight | 190.246 |
|------------------|---------|

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/biochemical/diabzi-c2-nh2/228151>