

## Nicotinamide riboside malate Biochemical

Nicotinamide riboside malate

CATALOG #  
**AAA228423**

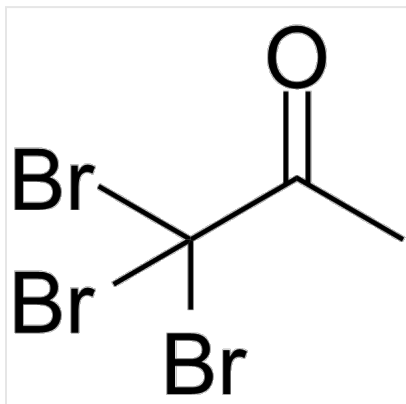
### PRODUCT SYNONYMS

Nicotinamide riboside malate; Nicotinamide riboside malate biochemical

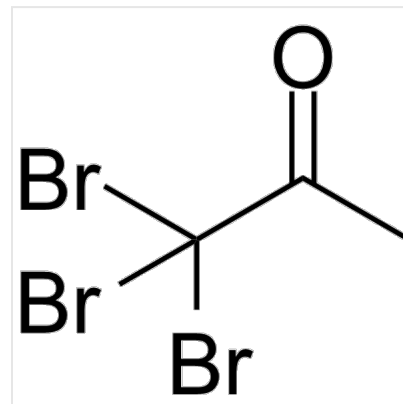
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                                                                                                                                                                                                                                                                                                     |
| CAS                     | 2415659-01-5                                                                                                                                                                                                                                                                                                                                                            |
| Solubility              | <1mg/ml refers to the product slightly soluble or insoluble                                                                                                                                                                                                                                                                                                             |
| In vitro                | Chronic Nicotinamide riboside malate (p.o.; 400 mg/kg/day; for 16 weeks) supplementation increases plasma and intracellular NAD + content in a tissue-specific manner[1]. Animal Model: 10-week-old C57Bl/6J mice[1]. Dosage: 400 mg/kg. Administration: PO; daily; for 16 weeks. Result: Increased plasma and intracellular NAD + content in a tissue-specific manner. |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years                                                                                                                                                                                                                                                                                                |

### IMAGES



Structure  
1,1,1-Tribromoacetone, CAS 3770-98-7



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1,1,1-Tribromoacetone, CAS 3770-98-7

### ADDITIONAL INFORMATION

#### Related Product Information for Nicotinamide riboside malate biochemical

Nicotinamide riboside malate, an orally active NAD + precursor, increases NAD + levels and activates SIRT1 and SIRT3. Nicotinamide riboside malate is a source of vitamin B3 (niacin) and enhances oxidative metabolism, protection against high fat diet-induced metabolic abnormalities. Nicotinamide riboside malate reduces cognitive deterioration in a transgenic mouse model of Alzheimer's disease.

**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.