

Product Information

Product Data Sheet

ROVIMIX® B1

Description

ROVIMIX® B1 is a white to yellowish fine granular powder of pure thiamine mononitrate.

Product identification

Product code: 04 2186 3

Chemical names: 4-methyl-5-(β-hydroxyethyl)-3-(2-methyl-4-amino-5-pyrimidyl)-thiazolium nitrate; 3-[(4-amino-2-methyl-5-pyrimidinyl) methyl]-5-(2-hydroxyethyl)-4-methyl-thiazolium nitrate

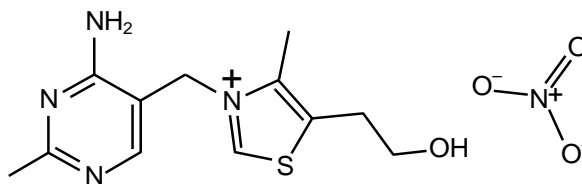
Synonyms: thiamine mononitrate; thiamine nitrate; thiamine; thiamin; vitamin B₁ mononitrate; vitamin B₁

CAS No.: 532-43-4

EINECS No.: 208-537-4

Empirical formula: C₁₂H₁₇N₄OS • NO₃

Molecular mass: 327.36 g/mol



Specifications

Appearance:	white to yellowish fine granular powder
Fineness (US standard sieves):	min. 90% through sieve No. 80 max. 60% through sieve No. 270
Loss on drying:	max. 1%
Thiamine mononitrate content:	min. 98% (on dry material)

Solubility

ROVIMIX® B1 is sparingly soluble in water, and slightly soluble in alcohol and methanol.

Stability and storage

ROVIMIX® B1 is fairly stable to air if protected from light. The product may be stored for at least 36 months from the date of manufacture in the unopened original container and at a temperature below 25 °C. The 'best use before' date is printed on the label. Keep container tightly closed. Once opened, use contents quickly.

Uses

For animal nutrition in premixes and compound feeds.

Regulatory status

Generally approved for the intended use.

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Safety

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene.

Legal notice

The information given in this publication is based on our current knowledge and experience, and may be used at your discretion and risk. It does not relieve you from carrying out your own precautions and tests. We do not assume any liability in connection with your product or its use. You must comply with all applicable laws and regulations, and observe all third party rights.

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Additional information

To find out more about our ingredients, please contact your nearest DSM Nutritional Products office.

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