

Tuaminoheptane sulfate

Chemical Properties

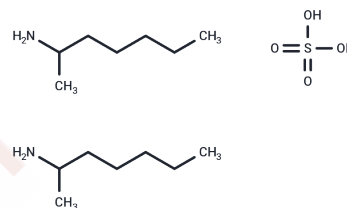
CAS No. : 6411-75-2

Formula: C₇H₁₇N 1/2H₂O₄S

Molecular Weight: 164.26

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description

Tuaminoheptane was originally developed as a nasal decongestant and belongs to the class of sympathomimetics and vasoconstrictors. It exhibits decongestant and stimulating effects by inhibiting and releasing norepinephrine. Unlike phenethylamine-based norepinephrine releasers, Tuaminoheptane has a unique chemical structure. Additionally, it may cause contact dermatitis due to its potential to irritate the skin by inhibiting volume-regulated anion channels, which limits its effectiveness as a decongestant.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0879 mL	30.4395 mL	60.8791 mL
5 mM	1.2176 mL	6.0879 mL	12.1758 mL
10 mM	0.6088 mL	3.044 mL	6.0879 mL
50 mM	0.1218 mL	0.6088 mL	1.2176 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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