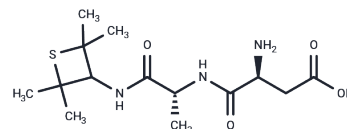


Alitame anhydrous

Chemical Properties

CAS No. :	80863-62-3
Formula:	C ₁₄ H ₂₅ N ₃ O ₄ S
Molecular Weight:	331.43
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Alitame anhydrous is a non-nutritive sweetener. It is 2000 times sweeter than sucrose.
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Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0172 mL	15.0861 mL	30.1723 mL
5 mM	0.6034 mL	3.0172 mL	6.0345 mL
10 mM	0.3017 mL	1.5086 mL	3.0172 mL
50 mM	0.0603 mL	0.3017 mL	0.6034 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.

Reference

Lakade SS, Zhou Q, Li A, Borrull F, Fontanals N, Marcé RM. Hypercrosslinked particles for the extraction of sweeteners using dispersive solid-phase extraction from environmental samples. J Sep Sci. 2018 Apr;41(7):1618-

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