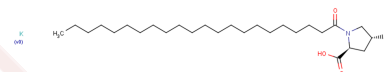


Potassium behenoyl hydroxyproline

Chemical Properties

CAS No. :	1149374-59-3
Formula:	C ₂₇ H ₅₁ KNO ₄
Molecular Weight:	492.806
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	Potassium behenoyl hydroxyproline is an antioxidant.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0292 mL	10.1459 mL	20.2918 mL
5 mM	0.4058 mL	2.0292 mL	4.0584 mL
10 mM	0.2029 mL	1.0146 mL	2.0292 mL
50 mM	0.0406 mL	0.2029 mL	0.4058 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.

Reference

Gorshkova IA, Wang H, Orbelyan GA, Goya J, Natarajan V, Beiser DG, Vanden Hoek TL, Berdyshev EV. Inhibition of sphingosine-1-phosphate lyase rescues sphingosine kinase-1-knockout phenotype following murine cardiac arrest. *Life Sci.* 2013 Sep 17;93(9-11):359-66. doi: 10.1016/j.lfs.2013.07.017. Epub 2013 Jul 24. PubMed PMID: 23892195.

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