

Leptosperin

Chemical Properties

CAS No. :	1431845-42-9
Formula:	C ₂₂ H ₃₂ O ₁₅
Molecular Weight:	536.48
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Leptosperin is a methyl syringate glycoside identified in mānuka honey derived from the Leptospermum scoparium plant of the Myrtaceae family. Leptosperin exhibits antibacterial properties and can be utilized in infection research.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.864 mL	9.320 mL	18.640 mL
5 mM	0.3728 mL	1.864 mL	3.728 mL
10 mM	0.1864 mL	0.932 mL	1.864 mL
50 mM	0.0373 mL	0.1864 mL	0.3728 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.

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