

Lapyrium

Chemical Properties

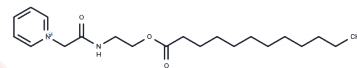
CAS No. : 109260-82-4

Formula: C₂₁H₃₅N₂O₃

Molecular Weight: 363.51

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	Lapyrium is a cationic surfactant that is used in personal care products as a biocide and antistatic. It is also used by the chloride salt, lapyrium chloride, in waste-water treatment and corrosion inhibition formulations.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.751 mL	13.7548 mL	27.5096 mL
5 mM	0.5502 mL	2.751 mL	5.5019 mL
10 mM	0.2751 mL	1.3755 mL	2.751 mL
50 mM	0.055 mL	0.2751 mL	0.5502 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

Baldessari A. Lipases as catalysts in synthesis of fine chemicals. *Methods Mol Biol.* 2012;861:445-56. doi: 10.1007/978-1-61779-600-5_25. PubMed PMID: 22426733.

Flannigan SA, Smolensky MH, Harrist R, Brown RL, Menon VK, McGovern JP. Scapular reactivity to contact irritants: application-time and area variations. *Chronobiologia.* 1984 Apr-Jun;11(2):93-107. PubMed PMID: 6745010.

Flannigan SA, Smith RE, McGovern JP. Intraregional variation between contact irritant patch test sites. *Contact Dermatitis.* 1984 Feb;10(2):123-4. PubMed PMID: 6713839.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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