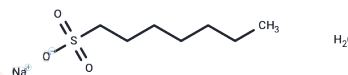


Sodium 1-heptanesulfonate monohydrate, for Ion-Pair Chromatography

Chemical Properties

CAS No. :	207300-90-1
Formula:	C ₇ H ₁₇ NaO ₄ S
Molecular Weight:	220.26
Storage:	Store at RT Actual storage temperature shall be subject to the COA.



Biological Description

Description	Sodium 1-heptanesulfonate monohydrate is a reagent used in ion-pair chromatography for analysing biomolecules such as peptides and proteins.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5401 mL	22.7004 mL	45.4009 mL
5 mM	0.908 mL	4.5401 mL	9.0802 mL
10 mM	0.454 mL	2.270 mL	4.5401 mL
50 mM	0.0908 mL	0.454 mL	0.908 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

RyoheiGotoh, et al. Controlling heat release of crystallization from supercooling state of a solid-solid PCM, 2-amino-2-methyl-1,3-propanediol. International Journal of Heat and Mass Transfer, 2019, 1132-1140.

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