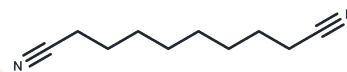


Decanedinitrile

Chemical Properties

CAS No. :	1871-96-1
Formula:	C ₁₀ H ₁₆ N ₂
Molecular Weight:	164.25
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	Decanedinitrile is a biochemical.
Targets(IC50)	Others

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	6.0883 mL	30.4414 mL	60.8828 mL
5 mM	1.2177 mL	6.0883 mL	12.1766 mL
10 mM	0.6088 mL	3.0441 mL	6.0883 mL
50 mM	0.1218 mL	0.6088 mL	1.2177 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

Carlucci L, Ciani G, Proserpio DM, Rizzato S. Three novel interpenetrating diamondoid networks from self-assembly of 1,12-dodecanedinitrile with silver(I) salts. Chemistry. 2002 Apr 2;8(7):1520-7. PubMed PMID: 11921236.

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