

Decanedioic acid, homopolymer

Chemical Properties

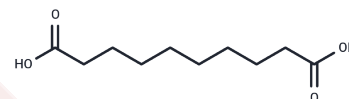
CAS No. : 26776-29-4

Formula:

Molecular Weight: 202.25

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	Decanedioic acid, homopolymer is a biochemical.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9444 mL	24.7219 mL	49.4438 mL
5 mM	0.9889 mL	4.9444 mL	9.8888 mL
10 mM	0.4944 mL	2.4722 mL	4.9444 mL
50 mM	0.0989 mL	0.4944 mL	0.9889 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

- Rwei SP, Ranganathan P, Chiang WY, Lee YH. Synthesis of Low Melting Temperature Aliphatic-Aromatic Copolyamides Derived from Novel Bio-Based Semi Aromatic Monomer. *Polymers (Basel)*. 2018 Jul 19;10(7). pii: E793. doi: 10.3390/polym10070793. PubMed PMID: 30960719; PubMed Central PMCID: PMC6403590.
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- Chae TU, Ahn JH, Ko YS, Kim JW, Lee JA, Lee EH, Lee SY. Metabolic engineering for the production of dicarboxylic acids and diamines. *Metab Eng*. 2019 Mar 21. pii: S1096-7176(19)30083-7. doi: 10.1016/j.ymben.2019.03.005. [Epub ahead of print] Review. PubMed PMID: 30905694.
- Villamagna IJ, Gordon TN, Hurtig MB, Beier F, Gillies ER. Poly(ester amide) particles for controlled delivery of celecoxib. *J Biomed Mater Res A*. 2019 Jun;107(6):1235-1243. doi: 10.1002/jbm.a.36632. Epub 2019 Feb 22. PubMed PMID: 30698325.

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