

Data Sheet (Cat.No.T20009)

Glycidyl methacrylate

Chemical Properties

CAS No.:	106-91-2
Formula:	C7H10O3
Molecular Weight:	142.15
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Glycidyl methacrylate is an ester of methacrylic acid and glycidol. Glycidyl methacrylate is a common monomer used in the creation of epoxy resins.
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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	7.035 mL	35.174 mL	70.348 mL
5 mM	1.407 mL	7.035 mL	14.070 mL
10 mM	0.703 mL	3.517 mL	7.035 mL
50 mM	0.141 mL	0.703 mL	1.407 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

- Ribeiro LF, Masini JC. Complexing porous polymer monoliths for online solid-phase extraction of metals in sequential injection analysis with electrochemical detection. *Talanta*. 2018 Aug 1;185:387-395. doi: 10.1016/j.talanta.2018.03.099. Epub 2018 Mar 31. PubMed PMID: 29759217.
- Obbed MS, Aqel A, Al Othman ZA, Badjah-Hadj-Ahmed AY. Preparation, characterization and application of polymethacrylate-based monolithic columns for fast and efficient separation of alkanes, alcohols, alkylbenzenes and isomeric mixtures by gas chromatography. *J Chromatogr A*. 2018 Jun 22;1555:89-99. doi: 10.1016/j.chroma.2018.04.045. Epub 2018 Apr 23. PubMed PMID: 29724647.
- Wu R, Ding X, Qi Y, Zeng Q, Wu YW, Yu B, Xu FJ. Flexible Cationic Nanoparticles with Photosensitizer Cores for Multifunctional Biomedical Applications. *Small*. 2018 May 2:e1800201. doi: 10.1002/smll.201800201. [Epub ahead of print] PubMed PMID: 29717807.
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