

Mecrylate

Chemical Properties

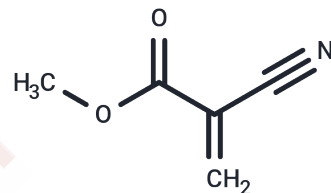
CAS No. : 137-05-3

Formula: C₅H₅NO₂

Molecular Weight: 111.1

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	Mecrylate polymerizes in contact with moisture. It is used as a tissue adhesive. It also has higher homologs have hemostatic and antibacterial properties.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.0009 mL	45.0045 mL	90.009 mL
5 mM	1.8002 mL	9.0009 mL	18.0018 mL
10 mM	0.9001 mL	4.5005 mL	9.0009 mL
50 mM	0.180 mL	0.9001 mL	1.8002 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

Yue S, Wu J, Zhang Q, Zhang K, Weir MD, Imazato S, Bai Y, Xu HHK. Novel dental adhesive resin with crack self-healing, antimicrobial and remineralization properties. *J Dent.* 2018 May 18. pii: S0300-5712(18)30126-X. doi: 10.1016/j.jdent.2018.05.009. [Epub ahead of print] PubMed PMID: 29782890.

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De La Peña A, De La Peña-Brambila J, Pérez-De La Torre J, Ochoa M, Gallardo GJ. Low-cost customized cranioplasty using a 3D digital printing model: a case report. *3D Print Med.* 2018;4(1):4. doi: 10.1186/s41205-018-0026-7. Epub 2018 Apr 12. PubMed PMID: 29782609; PubMed Central PMCID: PMC5954791.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481