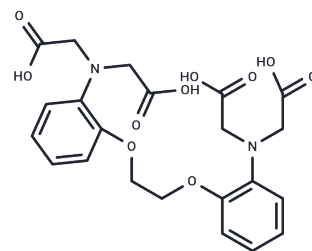


BAPTA

Chemical Properties

CAS No. :	85233-19-8
Formula:	C ₂₂ H ₂₄ N ₂ O ₁₀
Molecular Weight:	476.43
Appearance:	no data available
Storage:	store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	BAPTA is a neuroprotective agent in cerebral ischemia, acting as an intercellular Ca ²⁺ chelator.
Targets(IC ₅₀)	Reactive Oxygen Species

Solubility Information

Solubility	DMSO: 50 mg/mL (104.95 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0989 mL	10.4947 mL	20.9894 mL
5 mM	0.4198 mL	2.0989 mL	4.1979 mL
10 mM	0.2099 mL	1.0495 mL	2.0989 mL
50 mM	0.042 mL	0.2099 mL	0.4198 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.

Reference

Shi Y, Wang X, Meng Y, et al. A Novel Mechanism of Endoplasmic Reticulum Stress-and c-Myc-Degradation-Mediated Therapeutic Benefits of Antineurokinin-1 Receptor Drugs in Colorectal Cancer. *Advanced Science*. 2021:

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