

Cucurbituril

Chemical Properties

CAS No. :	80262-44-8
Formula:	C ₃₆ H ₃₆ N ₂₄ O ₁₂
Molecular Weight:	996.825
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Cucurbituril is a container molecule resembling a hollow pumpkin, featuring two identical openings at each end and a hydrophobic cavity in the middle. Its unique chemical properties enable it to selectively encapsulate guest molecules, such as drugs or catalysts, within its cavity, protecting them from environmental influences. Cucurbituril holds significant potential applications in drug delivery, catalysis, and materials science.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0032 mL	5.0159 mL	10.0318 mL
5 mM	0.2006 mL	1.0032 mL	2.0064 mL
10 mM	0.1003 mL	0.5016 mL	1.0032 mL
50 mM	0.0201 mL	0.1003 mL	0.2006 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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