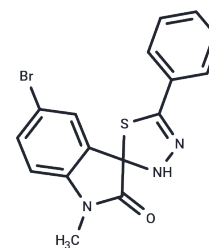


## Chelator 1a

## Chemical Properties

CAS No. :	387832-36-2
Formula:	C <sub>16</sub> H <sub>12</sub> BrN <sub>3</sub> O <sub>5</sub>
Molecular Weight:	374.26
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	Chelator 1a has antifungal activity, inhibiting Aspergillus and Candida, and can be used to study fungal infections and cancer.
Targets(IC50)	Antibacterial, Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6719 mL	13.3597 mL	26.7194 mL
5 mM	0.5344 mL	2.6719 mL	5.3439 mL
10 mM	0.2672 mL	1.336 mL	2.6719 mL
50 mM	0.0534 mL	0.2672 mL	0.5344 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

Arun K et al. Therapeutic compounds and methods: US20140221412A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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