

Antifungal agent 90

Chemical Properties

CAS No. :	3023095-87-3
Formula:	C17H14FNO3
Molecular Weight:	299.3
Storage:	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	Antifungal agent 90 (Compound 7n), known for inhibiting ergosterol biosynthesis, demonstrates potent antifungal activity. It exhibits effective control against <i>Valsa mali</i> and <i>Botrytis cinerea</i> , with EC 50 values of 4.26 and 1.41 µg/mL, respectively [1].
Targets(IC50)	Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3411 mL	16.7056 mL	33.4113 mL
5 mM	0.6682 mL	3.3411 mL	6.6823 mL
10 mM	0.3341 mL	1.6706 mL	3.3411 mL
50 mM	0.0668 mL	0.3341 mL	0.6682 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