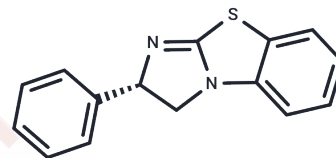


(-)-Benzotetramisole

Chemical Properties

CAS No. :	950194-37-3
Formula:	C ₁₅ H ₁₂ N ₂ S
Molecular Weight:	252.33
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	(-)-Benzotetramisole makes an efficient and selective catalyst. (-)-Benzotetramisole is a benzannulated derivative of the anthelmintic compound tetraimidazole 3 and is itself an effective catalyst for conversion.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 45 mg/mL (178.34 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9631 mL	19.8153 mL	39.6306 mL
5 mM	0.7926 mL	3.9631 mL	7.9261 mL
10 mM	0.3963 mL	1.9815 mL	3.9631 mL
50 mM	0.0793 mL	0.3963 mL	0.7926 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

Clark RW, et al. Silylation-based kinetic resolution of α -hydroxy lactones and lactams. Org Lett. 2013;15(24):6132-6135.

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