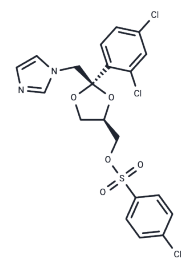


Ketoconazole Intermediate 1e

Chemical Properties

CAS No. :	134071-44-6
Formula:	C ₂₁ H ₂₀ Cl ₂ N ₂ O ₅ S
Molecular Weight:	483.36
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	Ketoconazole Intermediate 1e ((cis-2-((1H-Imidazol-1-yl)methyl)-2-(2,4-dichlorophenyl)-1,3-dioxolan-4-yl)methyl 4- methylbenzenesulfonate) is a ketoconazole intermediate.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0689 mL	10.3443 mL	20.6885 mL
5 mM	0.4138 mL	2.0689 mL	4.1377 mL
10 mM	0.2069 mL	1.0344 mL	2.0689 mL
50 mM	0.0414 mL	0.2069 mL	0.4138 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

Power EC, et al. Partial structures of ketoconazole as modulators of the large conductance calcium-activated potassium channel (BK(Ca)). *Bioorg Med Chem Lett.* 2006 Feb 15;16(4):887-90.

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