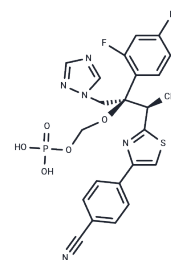


Fosravuconazole

Chemical Properties

CAS No. :	351227-64-0
Formula:	C ₂₃ H ₂₀ F ₂ N ₅ O ₅ PS
Molecular Weight:	547.47
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Fosravuconazole is a ravuconazole prodrug. It has antifungal activity.
Targets(IC50)	Antifungal
In vivo	Fosravuconazole displays comparable efficacy at inhibiting the C. Albicans infection model in mice as orally administered ravuconazole. Upon iv administration to rats, Fosravuconazole rapidly converses with ravuconazole.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8266 mL	9.1329 mL	18.2658 mL
5 mM	0.3653 mL	1.8266 mL	3.6532 mL
10 mM	0.1827 mL	0.9133 mL	1.8266 mL
50 mM	0.0365 mL	0.1827 mL	0.3653 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.

Reference

Ueda Y, et al. Phosphonooxymethyl prodrugs of the broad spectrum antifungal azole, ravuconazole: synthesis and biological properties. Bioorg Med Chem Lett. 2003 Nov 3;13(21):3669-72.

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