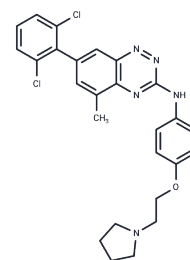


TG-100435

Chemical Properties

CAS No. : 867330-68-5
 Formula: C₂₆H₂₅Cl₂N₅O
 Molecular Weight: 494.42
 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	TG-100435 is a novel multi-target oral protein tyrosine kinase inhibitor. The metabolic flux of TG100435 is entirely inhibited by methimazole and ketoconazole. In human liver microsomes or recombinant P450, the formation of TG100435 increases with the activity of cytochrome P450 reductase, suggesting that cytochrome P450 reductase may be involved.
Targets(IC50)	Bcr-Abl,Ephrin Receptor,Src

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0226 mL	10.1129 mL	20.2257 mL
5 mM	0.4045 mL	2.0226 mL	4.0451 mL
10 mM	0.2023 mL	1.0113 mL	2.0226 mL
50 mM	0.0405 mL	0.2023 mL	0.4045 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