

TCMDC-135051 TFA

Chemical Properties

CAS No. :

Formula: C31H34F3N3O5

Molecular Weight: 585.61

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	TCMDC-135051 TFA is a potent, highly selective, low off-target toxicity protein kinase PfCLK3 inhibitor that exhibits antiparasitic effects with an EC50 value of 320 nM. TCMDC-135051 TFA blocks the trophozoite to lytic transition, disrupts transcription and inhibits transmission to mosquito vectors.
Targets(IC50)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7076 mL	8.5381 mL	17.0762 mL
5 mM	0.3415 mL	1.7076 mL	3.4152 mL
10 mM	0.1708 mL	0.8538 mL	1.7076 mL
50 mM	0.0342 mL	0.1708 mL	0.3415 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