Data Sheet (Cat.No.T27089)

TargetMol

CRT0066854

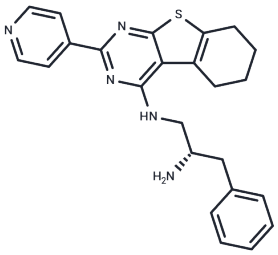
Chemical Properties

CAS No. : 1438881-19-6

Formula: C24H25N5S

Molecular Weight: 415.55

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	CRT-0066854 is a PKCι and PKCζ inhibitor. CRT0066854 was able to restore polarized morphogenesis in the dysplastic H-Ras spheroids.
Targets(IC50)	Others,PKC,ROCK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4064 mL	12.0322 mL	24.0645 mL
5 mM	0.4813 mL	2.4064 mL	4.8129 mL
10 mM	0.2406 mL	1.2032 mL	2.4064 mL
50 mM	0.0481 mL	0.2406 mL	0.4813 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

Linch M, Sanz-Garcia M, Rosse C, Riou P, Peel N, Madsen CD, Sahai E, Downward J, Khwaja A, Dillon C, Roffey J, Cameron AJ, Parker PJ. Regulation of polarized morphogenesis by protein kinase C iota in oncogenic epithelial spheroids. Carcinogenesis. 2014 Feb;35(2):396-406. doi: 10.1093/carcin/bgt313. Epub 2013 Sep 26. PubMed PMID: 24072773; PubMed Central PMCID: PMC3908745.

Kjær S, Linch M, Purkiss A, Kostelecky B, Knowles PP, Rosse C, Riou P, Soudy C, Kaye S, Patel B, Soriano E, Murray-Rust J, Barton C, Dillon C, Roffey J, Parker PJ, McDonald NQ. Adenosine-binding motif mimicry and cellular effects of a thieno[2,3-d]pyrimidine-based chemical inhibitor of atypical protein kinase C isoenzymes. Biochem J. 2013 Apr 15;451(2):329-42. doi: 10.1042/BJ20121871. PubMed PMID: 23418854.

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