
Product Data Sheet

Product Name: FTI 276
Cat. No.: GC33367

Chemical Properties

Cas. No. 170006-72-1

SMILES O=C(O)[C@@H](NC(C1=CC=C(NC[C@@H](N)CS)C=C1C2=CC=CC=C2)=O)CCSC

Formula $C_{21}H_{27}N_3O_3S_2$ M.Wt 433.59

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

FTI-276 is a protein farnesyl transferase (PFT) inhibitor with IC50s of 0.9 and 0.5 nM for Plasmodium falciparum and human.

[1]. Chakrabarti D, et al. Protein farnesyltransferase and protein prenylation in Plasmodium falciparum. J Biol Chem. 2002 Nov 1; 277(44):42066-73. Epub 2002 Aug 22.

Caution: Product has not been fully validated for medical applications. For research use only.

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