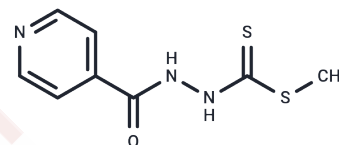


NSC636795

Chemical Properties

CAS No. : 66528-28-7
 Formula: C₈H₉N₃O₂
 Molecular Weight: 227.31
 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	NSC636795 is an ABCG2 transporter function inhibitor.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3993 mL	21.9964 mL	43.9928 mL
5 mM	0.8799 mL	4.3993 mL	8.7986 mL
10 mM	0.4399 mL	2.1996 mL	4.3993 mL
50 mM	0.088 mL	0.4399 mL	0.8799 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

Deeken JF, Robey RW, Shukla S, Steadman K, Chakraborty AR, Poonkuzhali B, Schuetz EG, Holbeck S, Ambudkar SV, Bates SE. Identification of compounds that correlate with ABCG2 transporter function in the National Cancer Institute Anticancer Drug Screen. Mol Pharmacol. 2009 Nov;76(5):946-56. doi: 10.1124/mol.109.056192. Epub 2009 Jul 24. PubMed PMID: 19633067; PubMed Central PMCID: PMC2774997.

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