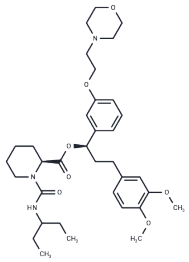
Data Sheet (Cat.No.T24788)

TargetMol

Shield-2

Chemical Properties



CAS No. : 1013621-70-9

Formula: C35H51N3O7

Molecular Weight: 625.8

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	Shield-2 is a potent FKBP-derived destabilizing domain stabilizing ligand.
Targets(IC50)	Others,FKBP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.598 mL	7.9898 mL	15.9795 mL
5 mM	0.3196 mL	1.598 mL	3.1959 mL
10 mM	0.1598 mL	0.799 mL	1.598 mL
50 mM	0.032 mL	0.1598 mL	0.3196 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

Robinson VM, Bharucha DB, Mahaffey KW, Dorian P, Kowey PR; SHIELD-2 Investigators. Results of a curtailed randomized controlled trial, evaluating the efficacy and safety of azimilide in patients with implantable cardioverter-defibrillators: The SHIELD-2 trial. Am Heart J. 2017 Mar;185:43-51. doi: 10.1016/j.ahj.2016.10.025. Epub 2016 Nov 15. PubMed PMID: 28267474.

Grimley JS, Chen DA, Banaszynski LA, Wandless TJ. Synthesis and analysis of stabilizing ligands for FKBP-derived destabilizing domains. Bioorg Med Chem Lett. 2008 Jan 15;18(2):759-61. Epub 2007 Nov 17. PubMed PMID: 18039574; PubMed Central PMCID: PMC2245802.

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