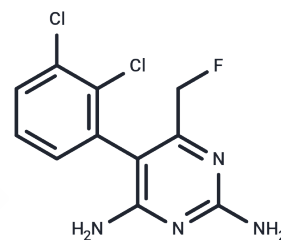


(5R)-BW-4030W92

Chemical Properties

CAS No. : 189013-61-4
 Formula: C₁₁H₉Cl₂FN₄
 Molecular Weight: 287.12
 Storage: Store at low temperature
 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	(5R)-BW-4030W92, the active enantiomer of BW-4030W92, is an orally available, non-selective, voltage-dependent, and use-dependent sodium channel antagonist used in the study of neurological disorders.
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4829 mL	17.4143 mL	34.8286 mL
5 mM	0.6966 mL	3.4829 mL	6.9657 mL
10 mM	0.3483 mL	1.7414 mL	3.4829 mL
50 mM	0.0697 mL	0.3483 mL	0.6966 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

Wallace MS, et al. Lack of effect of two oral sodium channel antagonists, lamotrigine and 4030W92, on intradermal capsaicin-induced hyperalgesia model. *Pharmacol Biochem Behav.* 2004 Jun;78(2):349-55.

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