Data Sheet (Cat.No.T26854)



BMS641

Chemical Properties

CAS No.: 369364-50-1

Formula: C27H23ClO2

Molecular Weight: 414.92

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	BMS641 (BMS-209641) is a selective and potent RARB agonist.BMS641 has a high affinity for RARB and synergistically activates RARB and RARBamma to induce cellular maturation into specialized neuronal subtypes.
Targets(IC50)	Retinoid Receptor

Solubility Information

Solubility	DMSO: 5 mg/mL (12.05 mM),Sonication is recommended.
	(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4101 mL	12.0505 mL	24.101 mL
5 mM	0.482 mL	2.4101 mL	4.8202 mL
10 mM	0.241 mL	1.2051 mL	2.4101 mL
50 mM	0.0482 mL	0.241 mL	0.482 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.

Reference

Germain P, et al. Rational design of RAR-selective ligands revealed by RARbeta crystal stucture. EMBO Rep. 2004;5 (9):877-882.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street, Wellesley Hills, MA 02481

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