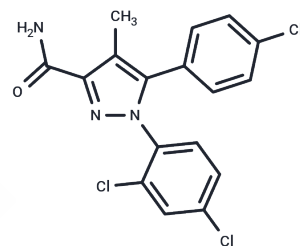


CB1 antagonist 2

Chemical Properties

CAS No. :	614726-85-1
Formula:	C ₁₇ H ₁₂ Cl ₃ N ₃ O
Molecular Weight:	380.66
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	CB1 antagonist 2 (AM4113) is a cannabinoid 1 (CB1) antagonist which inhibits CB1 in vivo with an IC ₅₀ of 25.5 nM.
Targets(IC ₅₀)	Cannabinoid Receptor

Solubility Information

Solubility	DMSO: 1.9 mg/mL (4.99 mM), Sonication is recommended. H ₂ O: < 0.1 mg/mL (insoluble), (< 1 mg/mL refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.627 mL	13.1351 mL	26.2702 mL
5 mM	0.5254 mL	2.627 mL	5.254 mL
10 mM	0.2627 mL	1.3135 mL	2.627 mL
50 mM	0.0525 mL	0.2627 mL	0.5254 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

Song Li, et al. 4-methyl-diaryl -1H- pyrazole derivatives and their use as medicaments FIELD.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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