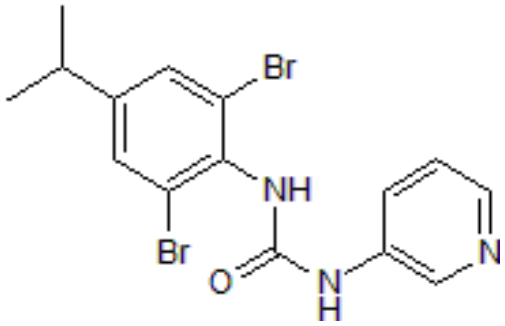
Product Data Sheet

Product Name: BX 430
Cat. No.: GC50200

Chemical Properties

Cas. No.	688309-70-8		
SMILES	CC(C)C1=CC(Br)=C(NC(NC2=CN=CC=C2)=O)C(Br)=C1		
Formula	C15H15Br2N3O	M.Wt	413.11
Solubility	DMSO: 30 mg/ml	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

Selective P2X4 allosteric antagonist (IC50 = 0.54 μM). Exhibits >10-fold selectivity for human P2X4 receptors over P2X1, P2X2, P2X3, P2X5 and P2X7 receptors. Binds noncompetitively at extracellular allosteric site. Effective at human and zebrafish, but not mouse and rat P2X4 receptors.

Ase et al (2015) Identification and characterization of a selective allosteric antagonist of human P2X4 receptor channels Mol.Pharmacol. 87 606 PMID:25597706

Caution: Product has not been fully validated for medical applications. For research use only.
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