

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

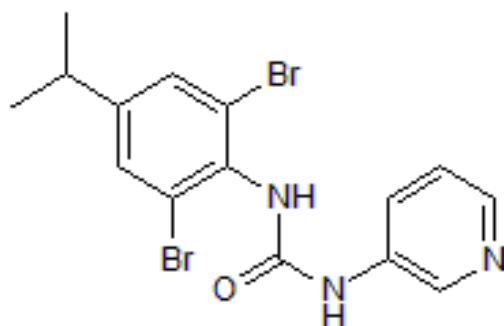
Formula C₁₅H₁₅Br₂N₃O M.Wt 413.11

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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA