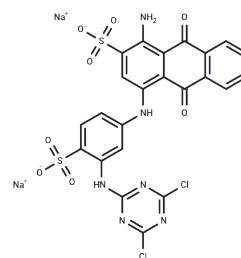


Reactive Blue 4 sodium

Chemical Properties

CAS No. :	4499-01-8
Formula:	C ₂₃ H ₁₂ Cl ₂ N ₆ Na ₂ O ₈ S ₂
Molecular Weight:	681.39
Storage:	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	PSB-1011 is a selective and competitive inhibitor of the rat P2X ₂ receptor (K _i = 79 nM).
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4676 mL	7.3379 mL	14.6759 mL
5 mM	0.2935 mL	1.4676 mL	2.9352 mL
10 mM	0.1468 mL	0.7338 mL	1.4676 mL
50 mM	0.0294 mL	0.1468 mL	0.2935 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

Hausmann R, Schmalzing G. P2X₁ and P2X₂ receptors in the central nervous system as possible drug targets. CNS Neurol Disord Drug Targets. 2012 Sep;11(6):675-86. Review. PubMed PMID: 22963438.

Baqi Y, Hausmann R, Rosefort C, Rettinger J, Schmalzing G, Müller CE. Discovery of potent competitive antagonists and positive modulators of the P2X₂ receptor. J Med Chem. 2011 Feb 10;54(3):817-30. Epub 2011 Jan 5. PubMed PMID: 21207957.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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