

## Bupivacaine tartrate

## Chemical Properties

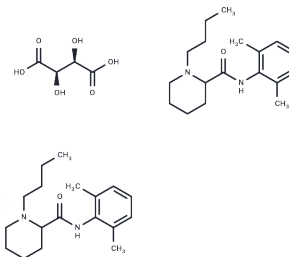
CAS No. : 175082-90-3

Formula: C22H34N2O7

Molecular Weight: 438.521

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	Bupivacaine is a BK/SK, Kv1, Kv3, TASK-2 K Channel and voltage-gated Na channel blocker used as an anesthetic. It maybe neurotoxic at high does, inducing apoptosis in neuroblastoma cells. It acts by binding to the intracellular portion of voltage-gated sodium channels and blocking sodium influx into nerve cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2804 mL	11.402 mL	22.804 mL
5 mM	0.4561 mL	2.2804 mL	4.5608 mL
10 mM	0.228 mL	1.1402 mL	2.2804 mL
50 mM	0.0456 mL	0.228 mL	0.4561 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.

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:34 Washington Street,Wellesley Hills,MA 02481