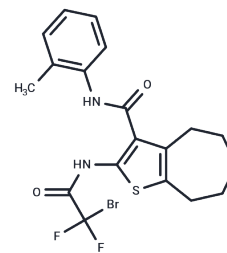


ANO1-IN-4

Chemical Properties

CAS No. : 2098490-06-1
 Formula: C₁₉H₁₉BrF₂N₂O₂S
 Molecular Weight: 457.33
 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	ANO1-IN-4 (Compound 10bm) is a reversible inhibitor of the calcium-activated chloride channel transmembrane protein 16A (TMEM16A, also known as ANO1), with an IC ₅₀ of 0.030 μM. It demonstrates good metabolic stability in rat liver microsomes and can inhibit spontaneous contractions in isolated mouse ileum.
Targets(IC ₅₀)	Chloride channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1866 mL	10.933 mL	21.866 mL
5 mM	0.4373 mL	2.1866 mL	4.3732 mL
10 mM	0.2187 mL	1.0933 mL	2.1866 mL
50 mM	0.0437 mL	0.2187 mL	0.4373 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