

## GABAA receptor modulator-4

## Chemical Properties

CAS No. :

Formula: C<sub>15</sub>H<sub>17</sub>BrO<sub>4</sub>S

Molecular Weight: 373.26

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	GABAA receptor modulator-4 (Compound 4) acts as a negative allosteric modulator of the GABAA receptor. It inhibits the peak and steady-state currents mediated by the $\alpha 1\beta 3\gamma 2$ GABAA receptors, with an IC <sub>50</sub> of 10 $\mu$ M for both.
Targets(IC <sub>50</sub> )	GABA Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6791 mL	13.3955 mL	26.791 mL
5 mM	0.5358 mL	2.6791 mL	5.3582 mL
10 mM	0.2679 mL	1.3395 mL	2.6791 mL
50 mM	0.0536 mL	0.2679 mL	0.5358 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.

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481