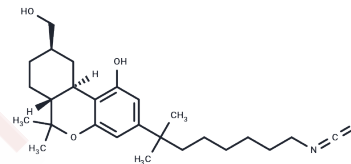


AM841

## Chemical Properties

CAS No. : 871978-21-1  
 Formula: C<sub>26</sub>H<sub>39</sub>N<sub>3</sub>O<sub>3</sub>  
 Molecular Weight: 445.66  
 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	AM841, a high-affinity electrophilic ligand, covalently interacts with a cysteine residue in helix six, thus activating the CB1 cannabinoid receptor. It diminishes forskolin-stimulated cAMP accumulation and slows gastrointestinal motility [1] [2].
Targets(IC50)	Cannabinoid Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2439 mL	11.2193 mL	22.4386 mL
5 mM	0.4488 mL	2.2439 mL	4.4877 mL
10 mM	0.2244 mL	1.1219 mL	2.2439 mL
50 mM	0.0449 mL	0.2244 mL	0.4488 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