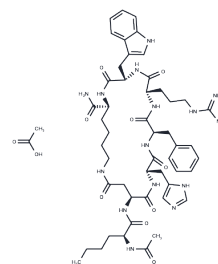


Melanotan II acetate

Chemical Properties

CAS No. :	1036322-26-5
Formula:	C52H73N15O11
Molecular Weight:	1084.23
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	Melanotan II acetate is an agonist of melanocortin receptor 1 (MC1R), MC3R, MC4R, and MC5R. It has been shown to improve recovery of sciatic nerve function after mechanical injury and increase cisplatin-induced decreases in sensory nerve conduction velocity. Melanotan II acetate increases oxygen consumption and protein levels of uncoupling protein 1 (UCP1) in brown adipose tissue homogenates and decreases food intake, body weight, and serum levels of leptin, glucose, insulin, and cholesterol.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9223 mL	4.6116 mL	9.2231 mL
5 mM	0.1845 mL	0.9223 mL	1.8446 mL
10 mM	0.0922 mL	0.4612 mL	0.9223 mL
50 mM	0.0184 mL	0.0922 mL	0.1845 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