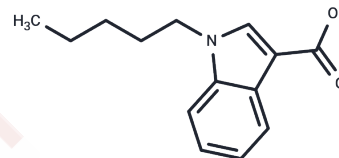


1-pentyl-1H-indole-3-carboxylic acid

Chemical Properties

CAS No. :	727421-73-0
Formula:	C ₁₄ H ₁₇ NO ₂
Molecular Weight:	231.29
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	1-pentyl-1H-indole-3-carboxylic acid is a naturally occurring indole alkaloid. It has a variety of biological activities, including anti-inflammatory, analgesic, antioxidant and antifungal, and antitumor activity. It acts by binding to various receptors and enzymes in the body, including serotonin receptors, cannabinoid receptors, PPAR γ receptors and PDE4 enzymes.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (237.8 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3236 mL	21.6179 mL	43.2358 mL
5 mM	0.8647 mL	4.3236 mL	8.6472 mL
10 mM	0.4324 mL	2.1618 mL	4.3236 mL
50 mM	0.0865 mL	0.4324 mL	0.8647 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