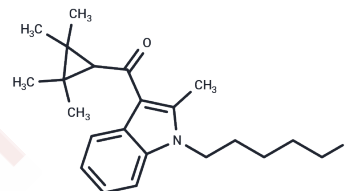


M-144

Chemical Properties

CAS No. : 2180924-19-8
 Formula: C₂₂H₃₀FNO
 Molecular Weight: 343.5
 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	UR-144, a synthetic cannabinoid, exhibits high affinity for the peripheral cannabinoid receptor (CB2) with a K_i of 1.8 nM, markedly greater than its affinity for the central cannabinoid receptor (CB1), for which it has a K_i of 150 nM. XLR-11 differs from UR-144 by featuring a fluorine atom on the terminal carbon of the alkyl chain and a methyl group on the C2 carbon of the indole. The specific biological activities of XLR-11 remain uncharacterized. It is designed for forensic and research use only.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9112 mL	14.556 mL	29.1121 mL
5 mM	0.5822 mL	2.9112 mL	5.8224 mL
10 mM	0.2911 mL	1.4556 mL	2.9112 mL
50 mM	0.0582 mL	0.2911 mL	0.5822 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

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