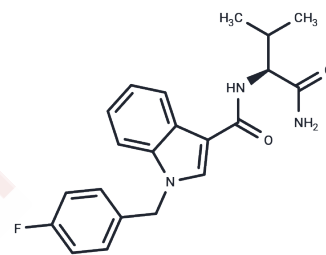


## AB-FUBICA

## Chemical Properties

CAS No. :	1801338-22-6
Formula:	C <sub>21</sub> H <sub>22</sub> FN <sub>3</sub> O <sub>2</sub>
Molecular Weight:	367.42
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	AB-FUBICA (Compound 13) is a CB1 and CB2 receptor agonist that activates G protein-coupled inwardly-rectifying potassium channels (GIRK) through binding to CB1 and CB2 receptors, demonstrating significant cannabinoid-like activity. Its EC <sub>50</sub> values are 21 nM for CB1 and 15 nM for CB2. AB-FUBICA may be applicable for research in pain management, neurodegenerative diseases, and inflammation-related mechanisms.
Targets(IC50)	Cannabinoid Receptor, Potassium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7217 mL	13.6084 mL	27.2168 mL
5 mM	0.5443 mL	2.7217 mL	5.4434 mL
10 mM	0.2722 mL	1.3608 mL	2.7217 mL
50 mM	0.0544 mL	0.2722 mL	0.5443 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

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