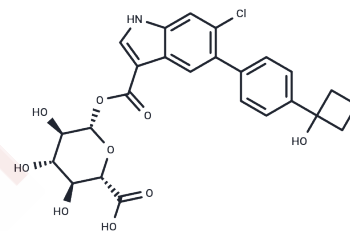


AMPK- α 1 β 1 γ 1 activator 1

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1943510-86-8 |
| Formula: | C ₂₅ H ₂₄ ClNO ₉ |
| Molecular Weight: | 517.91 |
| 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 | AMPK- α 1 β 1 γ 1 activator 1 (M1), an acyl glucuronide metabolite derived from an Indole-3-carboxylic Acid-based AMPK activator, selectively activates the β 1 isoforms of human AMPK with an EC ₅₀ of 38.1 nM through direct binding to the human AMPK α 1 β 1 γ 1 isoform; it is utilized in diabetic nephropathy research [1]. |
| Targets(IC ₅₀) | AMPK |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.9308 mL | 9.6542 mL | 19.3084 mL |
| 5 mM | 0.3862 mL | 1.9308 mL | 3.8617 mL |
| 10 mM | 0.1931 mL | 0.9654 mL | 1.9308 mL |
| 50 mM | 0.0386 mL | 0.1931 mL | 0.3862 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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