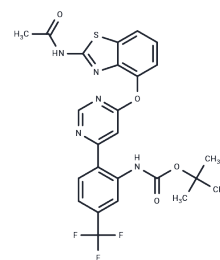


AMG8163

Chemical Properties

CAS No. : 659731-59-6
 Formula: C₂₅H₂₂F₃N₅O₄S
 Molecular Weight: 545.53
 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 | AMG8163 is an antagonist of vanilloid receptor TRPV1. |
| Targets(IC50) | Others,TRP/TRPV Channel |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.8331 mL | 9.1654 mL | 18.3308 mL |
| 5 mM | 0.3666 mL | 1.8331 mL | 3.6662 mL |
| 10 mM | 0.1833 mL | 0.9165 mL | 1.8331 mL |
| 50 mM | 0.0367 mL | 0.1833 mL | 0.3666 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.

Reference

- Gavva NR, Bannon AW, Hovland DN Jr, Lehto SG, Klionsky L, Surapaneni S, Immke DC, Henley C, Arik L, Bak A, Davis J, Ernst N, Hever G, Kuang R, Shi L, Tamir R, Wang J, Wang W, Zajic G, Zhu D, Norman MH, Louis JC, Magal E, Treanor JJ. Repeated administration of vanilloid receptor TRPV1 antagonists attenuates hyperthermia elicited by TRPV1 blockade. *J Pharmacol Exp Ther*. 2007 Oct;323(1):128-37. Epub 2007 Jul 25. PubMed PMID: 17652633.
- Gavva NR, Bannon AW, Surapaneni S, Hovland DN Jr, Lehto SG, Gore A, Juan T, Deng H, Han B, Klionsky L, Kuang R, Le A, Tamir R, Wang J, Youngblood B, Zhu D, Norman MH, Magal E, Treanor JJ, Louis JC. The vanilloid receptor TRPV1 is tonically activated in vivo and involved in body temperature regulation. *J Neurosci*. 2007 Mar 28;27(13):3366-74. PubMed PMID: 17392452.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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