

AM-206

## Chemical Properties

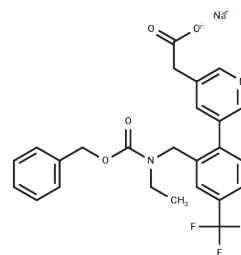
CAS No. : 1224977-86-9

Formula: C<sub>25</sub>H<sub>22</sub>F<sub>3</sub>N<sub>2</sub>NaO<sub>4</sub>

Molecular Weight: 494.44

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	AM-206 is a bio-active chemical.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0225 mL	10.1125 mL	20.2249 mL
5 mM	0.4045 mL	2.0225 mL	4.045 mL
10 mM	0.2022 mL	1.0112 mL	2.0225 mL
50 mM	0.0404 mL	0.2022 mL	0.4045 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

Lee ST, Chu K, Jung KH, Kim JH, Huh JY, Yoon H, Park DK, Lim JY, Kim JM, Jeon D, Ryu H, Lee SK, Kim M, Roh JK. miR-206 regulates brain-derived neurotrophic factor in Alzheimer disease model. *Ann Neurol*. 2012 Aug;72(2):269-77. doi: 10.1002/ana.23588. PubMed PMID: 22926857.

Stebbins KJ, Broadhead AR, Baccei CS, Scott JM, Truong YP, Coate H, Stock NS, Santini AM, Fagan P, Prodanovich P, Bain G, Stearns BA, King CD, Hutchinson JH, Prasit P, Evans JF, Lorrain DS. Pharmacological blockade of the DP2 receptor inhibits cigarette smoke-induced inflammation, mucus cell metaplasia, and epithelial hyperplasia in the mouse lung. *J Pharmacol Exp Ther*. 2010 Mar;332(3):764-75. doi: 10.1124/jpet.109.161919. Epub 2009 Dec 8. PubMed PMID: 19996299.

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