

PA-9

Chemical Properties

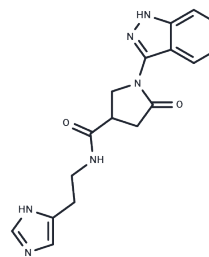
CAS No. : 1436004-46-4

Formula: C₁₇H₁₈N₆O₂

Molecular Weight: 338.36

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	PA-9 is the first small-molecule PAC1 receptor antagonist.
Targets(IC50)	Others,PACAP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9554 mL	14.7772 mL	29.5543 mL
5 mM	0.5911 mL	2.9554 mL	5.9109 mL
10 mM	0.2955 mL	1.4777 mL	2.9554 mL
50 mM	0.0591 mL	0.2955 mL	0.5911 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

Takasaki I, Watanabe A, Yokai M, Watanabe Y, Hayakawa D, Nagashima R, Fukuchi M, Okada T, Toyooka N, Miyata A, Gouda H, Kurihara T. In silico screening identified novel small-molecule antagonists of PAC1 receptor. *J Pharmacol Exp Ther*. 2018 Jan 23. pii: jpet.117.245415. doi: 10.1124/jpet.117.245415. [Epub ahead of print] PubMed PMID: 29363578.

Maslennikova IL, Kuznetsova MV, Nekrasova IV, Shirshov SV. Effect of bacterial components of mixed culture supernatants of planktonic and biofilm *Pseudomonas aeruginosa* with commensal *Escherichia coli* on the neutrophil response in vitro. *Pathog Dis*. 2017 Nov 30;75(8). doi: 10.1093/femspd/ftx105. PubMed PMID: 28961860.

Demmelmaier I, Björk A, Dufour AB, Nordgren B, Opava CH. Trajectories of fear-avoidance beliefs on physical activity over two years in people with rheumatoid arthritis. *Arthritis Care Res (Hoboken)*. 2017 Sep 21. doi: 10.1002/acr.23419. [Epub ahead of print] PubMed PMID: 28941003.

Dwyer KM, Clark CJ, MacDonald K, Paraskeva MA, Rogers N, Ryan J, Webster AC, Wong G. Gender Equity in Transplantation: A Report from the Women in Transplantation Workshop of The Transplantation Society of Australia and New Zealand. *Transplantation*. 2017 Oct;101(10):2266-2270. doi: 10.1097/TP.0000000000001900. PubMed PMID: 28767533.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481