

TAS-4

Chemical Properties

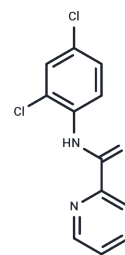
CAS No. : 794544-99-3

Formula: C₁₂H₈Cl₂N₂O

Molecular Weight: 267.11

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	TAS-4 is a modulator of metabotropic glutamate receptor 4-positive allosteric.
Targets(IC50)	Others,iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7438 mL	18.7189 mL	37.4378 mL
5 mM	0.7488 mL	3.7438 mL	7.4876 mL
10 mM	0.3744 mL	1.8719 mL	3.7438 mL
50 mM	0.0749 mL	0.3744 mL	0.7488 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

- Dube A, Chaudhary S, Mengawade T, Upasani CD. Therapeutic potential of metabotropic glutamate receptor 4-positive allosteric modulator TAS-4 in rodent models of movement disorders. *J Neurol Sci.* 2014 Jul 10. pii: S0022-510X(14)00452-3. doi: 10.1016/j.jns.2014.07.008. [Epub ahead of print] PubMed PMID: 25073574.
- Urata C, Mashedier B, Cheng DF, Hozumi A. Unusual dynamic dewetting behavior of smooth perfluorinated hybrid films: potential advantages over conventional textured and liquid-infused perfluorinated surfaces. *Langmuir.* 2013 Oct 8;29(40):12472-82. doi: 10.1021/la402714s. Epub 2013 Sep 24. PubMed PMID: 24020591.
- Ozatic O, Aydin Y, Hassa H, Ulusoy D, Ogut S, Sahin F. Relationship between oxidative stress and clinical pregnancy in assisted reproductive technology treatment cycles. *J Assist Reprod Genet.* 2013 Jun;30(6):765-72. doi: 10.1007/s10815-013-0005-2. Epub 2013 May 11. Erratum in: *J Assist Reprod Genet.* 2014 Nov;31(11):1569. PubMed PMID: 23666546; PubMed Central PMCID: PMC3696458.
- Chahal J, Bush-Joseph CA, Chow A, Zelazny A, Mather RC 3rd, Lin EC, Gupta D, Verma NN. Clinical and magnetic resonance imaging outcomes after surgical repair of complete proximal hamstring ruptures: does the tendon heal? *Am J Sports Med.* 2012 Oct;40(10):2325-30. Epub 2012 Aug 6. PubMed PMID: 22869623.

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