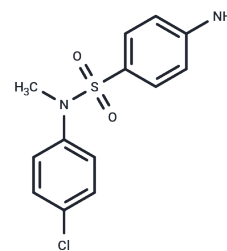


ZXX2-77

Chemical Properties

CAS No. : 304913-22-2
 Formula: C₁₃H₁₃ClN₂O₂S
 Molecular Weight: 296.77
 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	ZXX2-77 is a cyclooxygenase-1 inhibitor.
Targets(IC50)	Others,COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3696 mL	16.8481 mL	33.6961 mL
5 mM	0.6739 mL	3.3696 mL	6.7392 mL
10 mM	0.337 mL	1.6848 mL	3.3696 mL
50 mM	0.0674 mL	0.337 mL	0.6739 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

Zheng X, Oda H, Harada S, Sugimoto Y, Tai A, Sasaki K, Kakuta H. Effect of the oral absorption of benzenesulfonanilide-type cyclooxygenase-1 inhibitors on analgesic action and gastric ulcer formation. J Pharm Sci. 2008 Dec;97(12):5446-52. doi: 10.1002/jps.21388. PubMed PMID: 18452178.

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