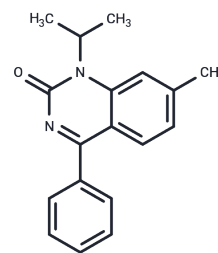


Proquazone

Chemical Properties

CAS No. :	22760-18-5
Formula:	C ₁₈ H ₁₈ N ₂ O
Molecular Weight:	278.35
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	Proquazone (Arthrex) is a nonsteroidal anti-inflammatory agent.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 65 mg/mL (233.52 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5926 mL	17.963 mL	35.926 mL
5 mM	0.7185 mL	3.5926 mL	7.1852 mL
10 mM	0.3593 mL	1.7963 mL	3.5926 mL
50 mM	0.0719 mL	0.3593 mL	0.7185 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

Mäkäräinen L, Ylikorkala O. Menstrual blood loss in dysmenorrhoea: effects of proquazone and indomethacin. Br J Obstet Gynaecol. 1983 Jun;90(6):570-2.

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Roos A, Hinderling PH. Protein binding and erythrocyte partitioning of the antirheumatic proquazone. J Pharm Sci. 1981 Mar;70(3):252-7.

Ohnhaus EE. The effect of antacid and food on the absorption of proquazone (Biarison) in man. Int J Clin Pharmacol Ther Toxicol. 1980 Mar;18(3):136-9.

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