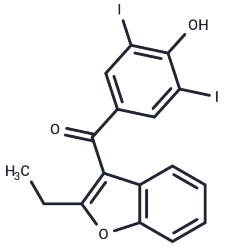
Data Sheet (Cat.No.T30374)

TargetMol

Benziodarone

Chemical Properties



CAS No. : 68-90-6

Formula: C17H12I2O3

Molecular Weight: 518.08

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	Benziodarone is a purine analog and selective inhibitor of transthyretin amyloidogenesis, applicable for studying gout and hyperuricaemia.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9302 mL	9.651 mL	19.302 mL
5 mM	0.386 mL	1.9302 mL	3.8604 mL
10 mM	0.193 mL	0.9651 mL	1.9302 mL
50 mM	0.0386 mL	0.193 mL	0.386 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

Xanthopoulos B, et al. The effect of benziodarone on the thyroid hormone levels and the pituitary-thyroid axis. J Endocrinol Invest. 1986 Aug;9(4):337-9.

Moulopoulos SD, et al. Comparison of the effect of amiodarone and benziodarone on thyroxine metabolism and surface ECG. Endocrinol Exp. 1989 Dec;23(4):269-78.

Franco A, et al. Acute uric acid nephropathy by overdosage of benziodarone in a renal transplant recipient. Nephron. 2002;92(3):746-7.

Franco A, Jimenez L, Torralba J, Ortega E, Trigueros M, Olivares J. Acute uric acid nephropathy by overdosage of benziodarone in a renal transplant recipient. Nephron. 2002;92(3):746-7. PubMed PMID: 12372973.

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