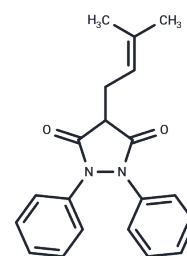


Feprazone

Chemical Properties

CAS No. :	30748-29-9
Formula:	C ₂₀ H ₂₀ N ₂ O ₂
Molecular Weight:	320.39
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	Feprazone (DA-2370) possesses anti-inflammatory and antiadipogenic properties. Feprazone can be used in studies about the treatment of joint and muscular pain.
Targets(IC50)	MMP,Others,Reactive Oxygen Species,COX,ROS
In vitro	Lipid accumulation, elevated production of triglycerides, the release of glycerol, upregulated SREBP-1C, FABP4, PPAR- γ , and C/EBP- α and downregulated ATGL and AQP-7 in the 3 T3-L1 adipocytes induced by the adipocyte differentiation cocktail medium were significantly reversed by treatment with Feprazone(30 and 60 μ M)[1].

Solubility Information

Solubility	DMSO: 27.5 mg/mL (85.83 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1212 mL	15.606 mL	31.212 mL
5 mM	0.6242 mL	3.1212 mL	6.2424 mL
10 mM	0.3121 mL	1.5606 mL	3.1212 mL
50 mM	0.0624 mL	0.3121 mL	0.6242 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

- Berry DJ, Crome P, Corless D, Parke DV. The pharmacokinetics of single oral doses of feprazone in healthy volunteers and elderly patients. *Xenobiotica*. 1991 Sep;21(9):1211-6. PubMed PMID: 1788989.
- Spahn H, Mutschler E. The influence of aluminium hydroxide on the bioavailability of feprazone. Single dose study. *Arzneimittelforschung*. 1985;35(1):167-9. PubMed PMID: 4039147.
- Meloni T, Forteleoni G, Serra M, Daniotti S, Negri L, Giuntini P, Canepa L, Gaetani GF. Feprazone: absence of hemolytic effects in glucose-6-phosphate dehydrogenase-deficient subjects. *J Clin Pharmacol*. 1982 Aug-Sep;22(8-9):418-20. PubMed PMID: 7130431.
- Berry D, Parke DV. The disposition of feprazone and its hydroxylated metabolite in human volunteers. *Xenobiotica*. 1988 Jul;18(7):857-68. PubMed PMID: 3176523.

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