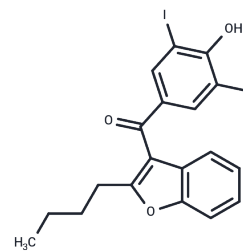


L-3373

Chemical Properties

CAS No. :	1951-26-4
Formula:	C ₁₉ H ₁₆ I ₂ O ₃
Molecular Weight:	546.14
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	L-3373 is a competitive T3 (3,5,3'-triiodothyronine) antagonist with IC ₅₀ values of 38 and 36 nM for alpha1-T3R and beta1-T3R, respectively.
Targets(IC50)	Others,Potassium Channel

Solubility Information

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

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.831 mL	9.1552 mL	18.3103 mL
5 mM	0.3662 mL	1.831 mL	3.6621 mL
10 mM	0.1831 mL	0.9155 mL	1.831 mL
50 mM	0.0366 mL	0.1831 mL	0.3662 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

Bjerregaard LG, et al. Change in Overweight from Childhood to Early Adulthood and Risk of Type 2 Diabetes. *N Engl J Med.* 2018 Apr 5;378(14):1302-1312.

Pérez-Ortega G, et al. Preclinical evidence of the anxiolytic and sedative-like activities of *Tagetes erecta* L. reinforces its ethnobotanical approach. *Biomed Pharmacother.* 2017 Sep;93:383-390.

Wronski T, et al. Pastoralism versus Agriculturalism-How Do Altered Land-Use Forms Affect the Spread of Invasive Plants in the Degraded Mutara Rangelands of North-Eastern Rwanda? *Plants (Basel).* 2017 May 12;6(2).

Veiga-Gómez M, et al. Identification and quantification of 12 pharmaceuticals in water collected from milking parlors: Food safety implications. *J Dairy Sci.* 2017 May;100(5):3373-3383.

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