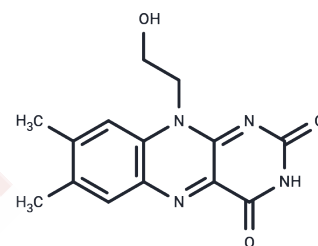


Ethanol lumiflavine

Chemical Properties

CAS No. :	3180-56-1
Formula:	C ₁₄ H ₁₄ N ₄ O ₃
Molecular Weight:	286.29
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	Ethanol lumiflavine can be used in related research in the field of life sciences. Its product number is T31689 and CAS number is 3180-56-1.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.493 mL	17.4648 mL	34.9296 mL
5 mM	0.6986 mL	3.493 mL	6.9859 mL
10 mM	0.3493 mL	1.7465 mL	3.493 mL
50 mM	0.0699 mL	0.3493 mL	0.6986 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

Roughead ZK, McCormick DB. Flavin composition of human milk. Am J Clin Nutr. 1990 Nov;52(5):854-7. PubMed PMID: 2239760.

Trachewsky D. Antihypertensive effect of riboflavin analogs in rats with mineralocorticoid-induced hypertension. Hypertension. 1981 Jan-Feb;3(1):75-80. PubMed PMID: 7203608.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481