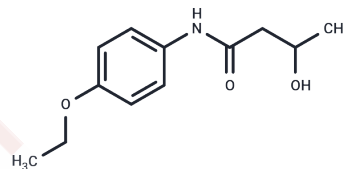


Bucetin

Chemical Properties

CAS No. :	1083-57-4
Formula:	C ₁₂ H ₁₇ NO ₃
Molecular Weight:	223.27
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	Bucetin (3-Hydroxy-p-butirophenetidine) is a pharmaceutical drug that functions as an analgesic and antipyretic. It was withdrawn from use in 1986 due to renal toxicity.
Targets(IC50)	Others

Solubility Information

Solubility	Ethanol: 6 mg/mL (26.87 mM),Sonication is recommended. DMSO: 50 mg/mL (223.94 mM),Sonication is recommended. H ₂ O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4789 mL	22.3944 mL	44.7888 mL
5 mM	0.8958 mL	4.4789 mL	8.9578 mL
10 mM	0.4479 mL	2.2394 mL	4.4789 mL
50 mM	0.0896 mL	0.4479 mL	0.8958 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

Togei, K, et al. Journal of the National Y Institute, 79 (5): 1151-8.

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