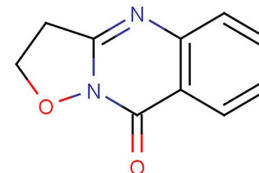


W-2429

Chemical Properties

CAS No.:	37795-69-0
Formula:	C ₁₀ H ₈ N ₂ O ₂
Molecular Weight:	188.18
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	W-2429 is a non-narcotic analgesic agent.
Targets(IC ₅₀)	Others: None
In vivo	In the dog, the only signs of toxicity observed are decreased appetite and salivation at 100 mg/kg/day W-2429. No other significant evidence of physical, chemical, gross, or histopathologic change is observed.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.314 mL	26.57 mL	53.141 mL
5 mM	1.063 mL	5.314 mL	10.628 mL
10 mM	0.531 mL	2.657 mL	5.314 mL
50 mM	0.106 mL	0.531 mL	1.063 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Banerjee BN, et al. Toxicological investigation of 2,3-dihydro-9H-isoxazolo[3,2-b]quinazolin-9-one (W-2429). Acute and subacute toxicity in mice, rats and dogs. *Arzneimittelforschung*. 1977;27(4):793-80

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