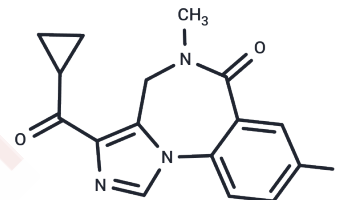


RU 34030

## Chemical Properties

CAS No. : 122321-07-7  
 Formula: C<sub>16</sub>H<sub>14</sub>FN<sub>3</sub>O<sub>2</sub>  
 Molecular Weight: 299.3  
 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	RU 34030 is 3-cyclopropyl carbonyl imidazobenzodiazepine.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3411 mL	16.7056 mL	33.4113 mL
5 mM	0.6682 mL	3.3411 mL	6.6823 mL
10 mM	0.3341 mL	1.6706 mL	3.3411 mL
50 mM	0.0668 mL	0.3341 mL	0.6682 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

Ward RA, Gardner CR, Pringle A, Bagust J, Walker RJ. The effects of RU 33965 and RU 34030, two new 3-cyclopropyl carbonyl imidazobenzodiazepines, on GABAA receptor-mediated synaptic transmission in cerebellar slices in the rat. *Gen Pharmacol.* 1994 May;25(3):589-97. PubMed PMID: 7926610.

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