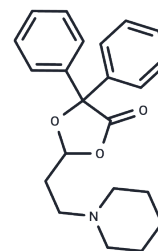


## Pipoxolan (free base)

## Chemical Properties

CAS No. :	23744-24-3
Formula:	C <sub>22</sub> H <sub>25</sub> NO <sub>3</sub>
Molecular Weight:	351.44
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	Pipoxolan (free base) is an antispasmodic drug. In vivo, the drug inhibited the contractions of intestines caused by neostigmine, barium chloride or injection of acetylcholine. The drug possesses ganglioplegic action and inhibited the decrease in blood pressure caused by stimulation of the vagus nerve. The drug is marketed under tradename Rowaprxin worldwide for the treatment of spasms and colics in the gastrointestinal tract, gallbladder and urogenital area, bronchial spasms, spastic menstrual cramps. Recent studies have shown that pipoxolan has anticancer activity and inhibits proliferation of leukemia cells in animal models.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8454 mL	14.2272 mL	28.4544 mL
5 mM	0.5691 mL	2.8454 mL	5.6909 mL
10 mM	0.2845 mL	1.4227 mL	2.8454 mL
50 mM	0.0569 mL	0.2845 mL	0.5691 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.

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