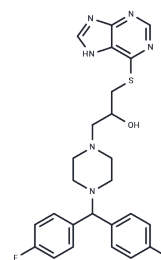


Carsatrin (free base)

Chemical Properties

CAS No. :	125363-87-3
Formula:	C25H26F2N6OS
Molecular Weight:	496.58
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Carsatrin is purinylpiperazine derivative. as cardiotonic and antiarrhythmic. Carsatrin acts as positive inotropic agent that increases twitch tension and prolongs the action potential (AP) duration of ventricular muscle without affecting the Na ⁺ , K ⁺ -ATPase, adenylyl cyclase, phosphodiesterase isozymes, or cardiac myofilaments. Carsatrin's positive inotropic effect can be prevented by tetrodotoxin but not by the adrenergic antagonists timolol, yohimbine, or prazosin
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0138 mL	10.0689 mL	20.1377 mL
5 mM	0.4028 mL	2.0138 mL	4.0275 mL
10 mM	0.2014 mL	1.0069 mL	2.0138 mL
50 mM	0.0403 mL	0.2014 mL	0.4028 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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