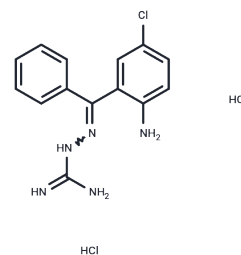


## (Rac)-G 256 HCl

### Chemical Properties

CAS No. :	136623-15-9
Formula:	C <sub>14</sub> H <sub>16</sub> Cl <sub>3</sub> N <sub>5</sub>
Molecular Weight:	360.67
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	(Rac)-G 256 HCl is an amidinohydrazone cardiovascular compound and is the racemic dihydrochloride form of G 256. (Rac)-G 256 HCl exhibits significant antiarrhythmic and anti-ischemic activity. (Rac)-G 256 HCl can be used in the study of pathological mechanisms and drug screening for cardiovascular diseases such as myocardial ischemia.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7726 mL	13.8631 mL	27.7262 mL
5 mM	0.5545 mL	2.7726 mL	5.5452 mL
10 mM	0.2773 mL	1.3863 mL	2.7726 mL
50 mM	0.0555 mL	0.2773 mL	0.5545 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

Clement, B., et al., (1994). Cytochrome P450-dependent N-hydroxylation of an aminoguanidine (amidinohydrazone) and microsomal retroreduction of the N-hydroxylated product. *Xenobiotica; the fate of foreign compounds in biological systems*, 24(7), 671-688.

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