



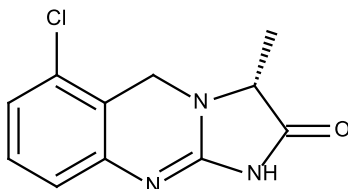
Catalog # 10-1056

Ro 13-6438

CAS# 70018-51-8

Quazinone, (R)-6-Chloro-1,5-dihydro-3-methylimidazo[2,1-b]quinazolin-2-one

Lot # X101213



Ro 13-6438 is a selective inhibitor of phosphodiesterase III (PDE III, $IC_{50} = 0.6 \mu M$).

- 1) Eigenmann et al.,(1984) *Cardiovascular profile of Ro 13-6438, a novel positive inotropic agent with vasodilating properties*; J.Cardiovasc.Pharmacol. **6** 511
- 2) Holck et al.,(1984) *Studies on the mechanism of positive inotropic activity of Ro 13-6438, a structurally novel cardiotonic agent with vasodilating properties*; J.Cardiovasc.Pharmacol. **6** 520

PHYSICAL DATA

Molecular Weight:	235.67
Molecular Formula:	C ₁₁ H ₁₀ ClN ₃ O
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 5 mg/ml), or ethanol (up to 1 mg/ml)
Physical Description:	White solid
Storage and Stability:	Store as supplied at room temperature for up to 2 years from the date of purchase. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

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