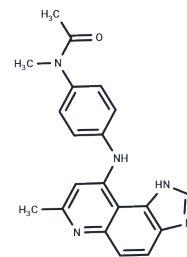


Acodazole

Chemical Properties

CAS No. :	79152-85-5
Formula:	C ₂₀ H ₁₉ N ₅ O
Molecular Weight:	345.4
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	Acodazole is a synthetic imidazoquinoline. It has antimicrobial and antineoplastic properties. It also has been shown to treat arrhythmias.
Targets(IC50)	Others, Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8952 mL	14.476 mL	28.9519 mL
5 mM	0.579 mL	2.8952 mL	5.7904 mL
10 mM	0.2895 mL	1.4476 mL	2.8952 mL
50 mM	0.0579 mL	0.2895 mL	0.579 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

Trump DL, Tutsch KD, Willson JK, Remick S, Simon K, Alberti D, Grem J, Koeller J, Tormey DC. Phase I clinical trial and pharmacokinetic evaluation of acodazole (NSC 305884), an imidazoquinoline derivative with electrophysiological effects on the heart. Cancer Res. 1987 Jul 15;47(14):3895-900. PubMed PMID: 3594447.

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