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Product Datasheet

Quinacrine hydrochloride, CAS [[69-05-6]] FBM-10-4251

Artikelname	Quinacrine hydrochloride, CAS [[69-05-6]]
Artikelnummer	FBM-10-4251
Hersteller Artikelnummer	10-4251
Alternativnummer	FBM-10-4251-20MG, FBM-10-4251-100MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Antiprotozoan / Anticancer...
Molekulargewicht	472.88
Reinheit	98% by HPLC, NMR (Confirms)
Formulierung	Yellow solid
CAS Nummer	[69-05-6]
Formel	C ₂₃ H ₃₀ CIN ₃ O ₂ HCl

Anwendungsbeschreibung	Quinacrine is an antiprotozoan drug used for malaria and giardiasis and has recently been investigated in treating lupus, as an anticancer agent, inflammation, and as a female sterilization agent.¹ It has been found to have synergistic effects with vorinostat in the treatment of T-cell acute lymphoblastic leukemia via mitophagy blockage and an increase in ROS.² Quinacrine displayed antitumor effects in an intestinal cancer mouse model and HCT116 p53^{-/-} xenografts via reduction in Chk1/2 expression and cell death induction in the G2-M phase.³ It promotes autophagic cell death in ovarian cancer cells via downregulation of p62/SQSTM1.⁴ Quinacrine is also an inhibitor of phospholipase A2.⁵
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