



Product Information

HDAC inhibitor Givinostat hydrochloride, Purity $\geq 98\%$

Cat. No.: X23-10-ZQ282

Size: 1 mg; 5 mg; 10 mg; 25 mg

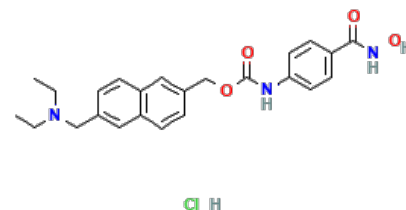
MDL: MFCD28502062

CAS Number: 199657-29-9

Compound CID: 10095659

Synonym: 199657-29-9; Givinostat hydrochloride; Givinostat HCl; Givinostat (hydrochloride); ITF 2357; Z02132R2QQ; Histone deacetylase inhibitor; HDAC inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Givinostat hydrochloride induces DNA damage and the inhibition of DNA repair processes.
Molecular Weight	457.95
Molecular Formula	C ₂₄ H ₂₈ ClN ₃ O ₄
IUPAC Name	[6-(Diethylaminomethyl)naphthalen-2-yl]methyl N-[4-(hydroxycarbonyl)phenyl]carbamate;hydrochloride
InChI	InChI=1S/C24H27N3O4.ClH/c1-3-27(4-2)15-17-5-7-21-14-18(6-8-20(21)13-17)16-31-24(29)25-22-11-9-19(10-12-22)23(28)26-30;/h5-14,30H,3-4,15-16H2,1-2H3,(H,25,29)(H,26,28);1H
InChI Key	QKSGNWJOQMSBEP-UHFFFAOYSA-N
Canonical SMILES	CCN(CC)CC1=CC2=C(C=C1)C=C(C=C2)COC(=O)NC3=CC=C(C=C3)C(=O)NO.Cl
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Givinostat hydrochloride is studied to assess its inhibitory effects on HDACs and its potential use in treating disorders such as cancer and inflammatory diseases.
Storage	Store at -20°C.