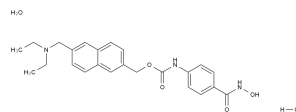


Product Name	: Givinostat
Synonyms	: ITF2357
Cat No.	: M15799
CAS Number	: 732302-99-7
Molecular Formula	: CHCINO
Formula Weight	: 475.97
Chemical Name	: —
Description	: Givinostat hydrochloride monohydrate is a HDAC inhibitor with an IC ₅₀ of 198 and 157 nM for HDAC1 and HDAC3, respectively.
Pathway	: Cell Cycle/DNA Damage
Target	: HDAC
Receptor	: HD1-A; HD1-B; HD2
Solubility	: DMSO:95 mg/mL (199.59 mM); Ethanol:3 mg/mL (6.3 mM); Water:<1 mg/mL (<1 mM)
SMILES	: <chem>O=C(OCC1=CC=C2C=C(CN(CC)CC)C=CC2=C1)NC3=CC=C(C(=O)N)C(=O)N3.[H]Cl.O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Li S, et al. Specific inhibition of histone deacetylase 8 reduces gene expression and production of proinflammatory cytokines in vitro and in vivo. J Biol Chem. 2015 Jan 23;290(4):2368-78.