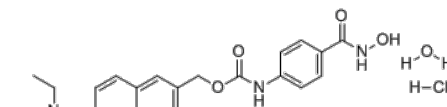


Product Name : Givinostat hydrochloride monohydrate
Cat. No. : PC-20913
CAS No. : 732302-99-7
Molecular Formula : C₂₄H₃₀ClN₃O₅
Molecular Weight : 475.97
Target : HDAC
Solubility : 10 mM in DMSO



CAS: 732302-99-7

Biological Activity

Givinostat (ITF-2357) is a potent, orally active, pan-HDAC inhibitor with IC₅₀ of 198 and 157 nM for HDAC1 and HDAC3, respectively.

Givinostat (ITF-2357) has anti-leukemic activity in vitro and in vivo and inhibits IL-6 and VEGF production by stromal cells.

Givinostat (ITF-2357) reduces production of pro-inflammatory cytokines in vitro and systemic inflammation in vivo.

Givinostat (ITF-2357) reduces cytokines and protects islet β cells in vivo and in vitro.

References

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Caution: Product has not been fully validated for medical applications. Lab Use Only!

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