



LKT Laboratories, Inc.

Givinostat Hydrochloride

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Product Information

Product ID G346851

CAS No. 199657-29-9

Chemical Name

Synonym ITF-2357 Hydrochloride

Formula $C_{24}H_{27}N_3O_4 \cdot HCl$

Formula Wt. 457.96

Melting Point

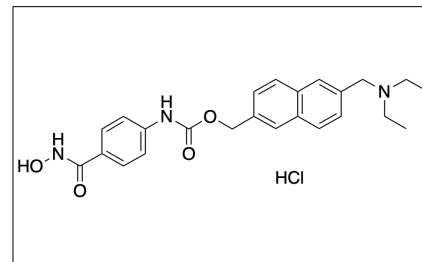
Purity $\geq 98\%$

Solubility

Store Temp $-20^{\circ}C$

Ship Temp Ambient

Description Givinostat is a non-selective histone deacetylase (HDAC) inhibitor. It exhibits antiproliferative and apoptosis inducing activity in urothelial carcinoma cells with distinct HDAC1 and 2 expression profiles. Givinostat also inhibits proliferation and induces apoptosis in some difficult to treat subsets of acute lymphocytic leukemia (ALL), like those carrying CRLF2 rearrangements. This is possibly due to inhibition of the JAK/STAT pathway.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
G346851	1 mg	\$88.60
G346851	5 mg	\$265.90
G346851	25 mg	\$988.10

References Pinkerneck M., Hoffmann M., et al. Inhibition of Class I Histone Deacetylases 1 and 2 Promotes Urothelial Carcinoma Cell Death by Various Mechanisms. *Mol Cancer Ther.* 15(2):299-312 (2016). PMID: 26772204.

Savino A., Samo J., et al. The histone deacetylase inhibitor givinostat (ITF2357) exhibits potent anti-tumor activity against CRLF2-rearranged BCP-ALL. *Leukemia.* 31(11):2365-75 (2017). PMID: 28331226.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.