Creative Enzymes®

Tubastatin A hydrochloride

Cat. No. CEI-0994

Lot. No. (See product label)

Introduction

Description	Tubastatin A is a potent HDAC6 inhibitor. It demonstrates over 1,000-fold selectivity against all other HDAC isoforms (IC50 >16 μM), excluding HDAC8 (IC50 = 0.9 μM). Tubastatin A induces -tubulin hyperacetylation at 2.5 μM in primary cortical neuron cultures. In a model of oxidative stress induced by glutathione depletion, it displays dose-dependent neuronal protection of primary cortical neuron cultures at 5-10 μM.
Synonyms	JM21, HD6

Product Information

Appearance	White to off-white crystalline solid.
CAS No.	1310693-92-5
Molecular Formula	C20H21N3O2 HCl
Molecular Weight	371.86
Targets	HDAC6
IC50	15 nM

Storage and Shipping Information

Storage	Store at or below -20 centigrade.