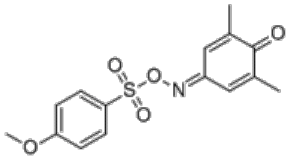
Product Name	:	L-002
Synonyms	:	NSC 764414;L002
Cat No.	:	M14048
CAS Number	:	321695-57-2
Molecular Formula	:	C15H15NO5S
Formula Weight	:	321.35
Chemical Name	:	2,6-dimethyl-2,5-cyclohexadiene-1,4-dione 4-[O-[(4-methoxyphenyl)sulfonyl]oxime]
Description	:	L-002 (NSC 764414, L002) is a novel potent, specific acetyltransferase p300 (KAT3B) inhibitor with IC50 of 1.98 uM; also shows weak inhibitory activity against PCAF (KAT2B) and GCN5 (KAT2A) with IC50 of 34.7 and 33.9 uM, displays no inhibition against Tip60, MYST2 and MYST4 (IC50>100 uM), as well as a panel of HDACs and HMTs; inhibits acetylation of histones and p53, and suppresses STAT3 activation in cell-based assays; exhibits extreme sensitivity against leukemia, breas and lymphoma cell lines; potently suppresses tumor growth and histone acetylation of MDA-MB-468 xenografts.
Pathway	:	Chromatin/Epigenetic
Target	:	HAT
Receptor	:	HAT
Solubility	:	——
SMILES	:	CC1=CC(=NOS(=O)(=O)C2=CC=C(C=C2)OC)C=C(C1=O)C
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	



1. Rai R, et al. Epigenetics. 2017;12(11):1004-1013.| 2. Yang H, et al. Mol Cancer Ther. 2013 May;12(5):610-20.