

C646, p300/CBP Inhibitor

Cat. No. CEI-0599

Lot. No. (See product label)

Introduction

Description Cell-permeable. A reversible, p300/CBP (CREB-binding protein) histone acetyltransferase (HAT) inhibitor ($K_i = 400$ nM). Specific inhibition to p300 (86%) compared to N-acetyltransferase, PCAF, GCN5, Rtt109, Sas or MOZ histone acetyltransferases (<10%). Suppresses histone H3 and H4 acetylation in mouse fibroblast cell lines.

Product Information

Appearance White solid

CAS No. 328968-36-1

Molecular Formula $C_{24}H_{19}N_3O_6$

Chemical Name (E)-4-(4-((5-(4,5-Dimethyl-2-nitrophenyl)furan-2-yl)-methylene)-3-methyl-5-oxo-4,5-dihydro-1H-pyrazol-1-yl)benzoic acid

Molecular Weight 503

Purity >98% by TLC

Targets EP300, CREBBP

Solubility DMSO

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack