

CBL0137 Biochemical

CBL0137

CATALOG #
AAA201893

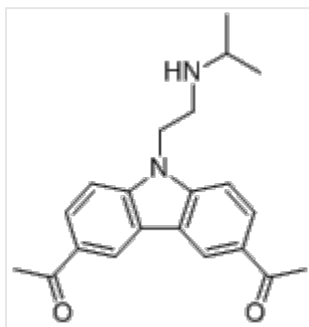
PRODUCT SYNONYMS

CBL0137; CBL-0137; CBL 0137; Curaxin CBL0137; CBLC 137; CBL0137 biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	>98% (HPLC)
Target	c-Myc
Receptor	p53; NF-kappaB
Chemical Name	1, 1'-(9-(2-(isopropylamino)ethyl)-9H-carbazole-3, 6-diyl)bis(ethan-1-one)
SMILES	<chem>CC(NCCN1C2=C(C3=C1C=CC(C(C)=O)=C3)C=C(C(C)=O)C=C2)C</chem>
Molecular Formula	C21H24N2O2
CAS Number	1197996-80-7
Preparation and Storage	Store at -20°C Stability: ≥2 years

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for CBL0137 biochemical	MBS3600708 (Curaxin) is a histone chaperone FACT (facilitates chromatin transcription) and MYC signal inhibitor that markedly reduced tumor initiation and progression in vivo; simultaneously activates p53 and inhibits NF-kappaB without causing detectable genotoxicity, causes phosphorylation of p53 Ser (392) by CK2 and inhibition of NF-kappaB-dependent transcription in neuroblastoma cells; eradicates drug resistant cancer stem cells and potentiates efficacy of gemcitabine in preclinical models of pancreatic cancer. Brain Cancer Phase 1 Clinical
Product Categories/Family for CBL0137 biochemical	Brain Cancer; Cell Cycle/DNA Damage; Cancer
References	1. Carter DR, et al. Sci Transl Med. 2015 Nov 4; 7 (312):312ra176. 2. Gasparian AV, et al. Sci Transl Med. 2011 Aug 10; 3 (95):95ra74. 3. Burkhart C, et al. Oncotarget. 2014 Nov 30; 5 (22):11038-53.

NCBI AND UNIPROT INFORMATION

Molecular Weight	336.44
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/cbl0137/201893>