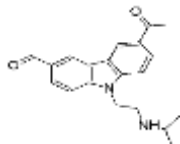


PRODUCT: CBL0137

ALTERNATE NAMES: 1,1'-[9-[2-[(1-methylethyl)amino]ethyl]-9H-carbazole-3,6-diyl]-bis-ethanone; Curaxin 137

CATALOG NUMBER: B2036-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₁H₂₄N₂O₂

MOLECULAR WEIGHT: 336.4

CAS NUMBER: 1197996-80-7

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (~ 5 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: CBL0137 is a metabolically stable curaxin that activates p53 (EC₅₀ = 0.37 μM) and inhibits NF-κB (EC₅₀ = 0.47 μM). It functionally inactivates the facilitates chromatin transcription complex (FACT), driving the effects on p53 and NF-κB and promoting cancer cell death. CBL0137 has broad anticancer activity in mice when administered orally, eradicates drug-resistant cancer stem cells, and potentiates efficacy of gemcitabine (Cat. No.1759 in preclinical models of pancreatic cancer).

REFERENCES: Burkhart, C., *et al.* (2014). *Oncotarget* 5, 11038-11053.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

NSC146109 hydrochloride (**Cat. No. 1907-5**)
Nutlin-3 (**Cat. No. 1842-1, 5**)
PRIMA-1 (**Cat. No. 2170-5, 25**)
RITA (**Cat. No. 2469-5, 25**)
Tenovin-1 (**Cat. No. 9400-5,25**)
Tenovin-3 (**Cat. No. B1828-5,25**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**