


## Data Sheet

### Product Information

Catalog Number	BP10225
Product Name	CBL0137
Description	CBL0137, a metabolically stable curaxin, activates p53 (EC50: 0.37 $\mu$ M) and inhibits NF- $\kappa$ B (EC50: 0.47 $\mu$ M). It functionally inactivates the facilitates chromatin transcription complex (FACT), driving the effects on p53 and NF- $\kappa$ B and promoting cancer cell death. CBL0137 has broad anticancer activity in mice when administered orally, eradicates drug-resistant cancer stem cells, and potentiates the efficacy of gemcitabine in preClinicalal models of pancreatic cancer.
Targets&IC50	NF- $\kappa$ B: 0.47 $\mu$ M (EC50), p53: 0.37 $\mu$ M (EC50)
Synonyms	Curaxin 137, CBLC137
CAS No.	1197996-80-7
Chemical Formula	C <sub>21</sub> H <sub>24</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight	336.435
Solubility	DMSO: ~5 mg/mL H <sub>2</sub> O: InsolubL; E
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

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