


Data Sheet

Product Information

Catalog Number	BP13152
Product Name	POL1-IN-1
Description	Compound 3A can effectively inhibit the transcription of RNA polymerase I in the A375 malignant melanoma cell line but has no effect on polymerase II.
In vivo	Corynoxine promotes the formation of autophagosomes in the fat bodies of Drosophila. By inducing autophagy, Corynoxine promotes the clearance of wild-type and A53T α -syn in inducible PC12 cells. Corynoxine induces autophagy through the Akt/mTOR pathway as evidenced by the reduction in the levels of phospho-Akt, phospho-mTOR and phospho-p70 S6 Kinase . Corynoxine significantly decreased locomotor activity after oral administration to mice .
Synonyms	Compound 3A
CAS No.	1822358-25-7
Chemical Formula	C ₂₁ H ₂₀ N ₆
Molecular Weight	356.433
Solubility	DMSO: 10 mM
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

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