

Certificate of Analysis

Catalog Number	BP13152
Product Name	POL1-IN-1

Physical and Chemical Properties

Synonyms	Compound 3A
CAS No.	1822358-25-7
Chemical Formula	C21H20N6
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	×

Product Information

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.
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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 .
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Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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