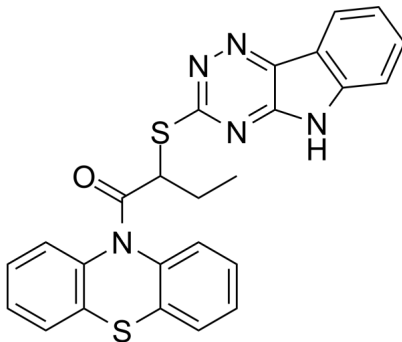


Certificate of Analysis

Catalog Number	BP13934
Product Name	Inauhzin

Physical and Chemical Properties

Synonyms	INZ
CAS No.	309271-94-1
Chemical Formula	C ₂₅ H ₁₉ N ₅ O ₂ S ₂
Molecular Weight	469.58
Solubility	DMSO: 21 mg/mL
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	Inauhizin(INZ) is a novel small molecule that effectively reactivates p53 by inhibiting SIRT1 activity, promotes p53-dependent apoptosis of human Y cells without causing apparently genotoxic stress(IC50=3 uM, in A549 cell).
Targets&IC50	SIRT1:3 μM

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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