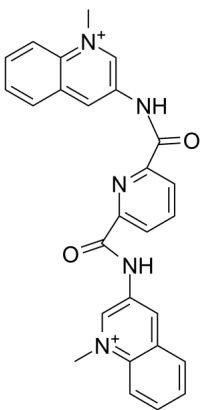


Certificate of Analysis

Catalog Number	BP12955
Product Name	360A

Physical and Chemical Properties

CAS No.	794458-56-3
Chemical Formula	C ₂₇ H ₂₃ N ₅ O ₂
Molecular Weight	449.513
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	360A is a stabilizing G-Quadruplex ligand, and also inhibits telomerase activity for telomerase in TRAP-G4 assay (IC ₅₀ : 300 nM).
Targets&IC ₅₀	Telomerase: 300 nM

In vitro	A549 lung carcinoma cell lines treatment with 5 μ M of 360A led to an inhibition of cell proliferation within 11 days of treatment. Treatment with the newly synthesized dimer (360A) ₂ A led to a comparable antiproliferative effect
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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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