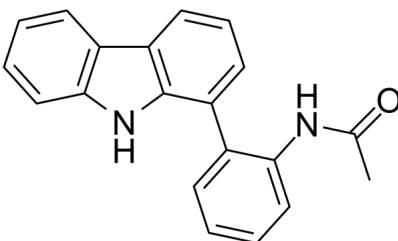


## Certificate of Analysis

Catalog Number	BP13856
Product Name	GeA-69

## Physical and Chemical Properties

CAS No.	2143475-98-1
Chemical Formula	C <sub>20</sub> H <sub>16</sub> N <sub>2</sub> O
Molecular Weight	300.361
Solubility	DMSO: 120 mg/mL (399.53 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	GeA-69 (GeA69) is a selective and allosteric PARP14 macrodomain 2 (MD2) inhibitor (K <sub>d</sub> : 0.86 μM in ITC assays).
Targets&IC50	PARP14:0.86 μM (K <sub>d</sub> , in ITC assays)

In vitro	The macrodomain recruitment was significantly decreased in cells pre-treated with 50 $\mu$ M GeA-69 and completely prevented in cells exposed to 250 $\mu$ M GeA-69.
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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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