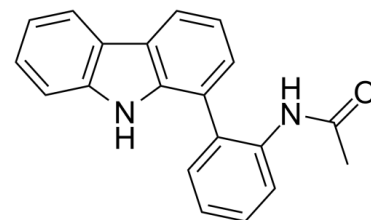


Data Sheet

Product Name:	GeA-69
Cat. No.:	CS-0030139
CAS No.:	2143475-98-1
Molecular Formula:	C ₂₀ H ₁₆ N ₂ O
Molecular Weight:	300.35
Target:	PARP
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Solubility:	DMSO : ≥ 125 mg/mL (416.18 mM)



BIOLOGICAL ACTIVITY:

GeA-69 is a selective, highly cell permeable allosteric inhibitor of **poly-adenosine-diphosphate-ribose polymerase 14 (PARP14)** targeting macrodomain 2, with a K_d of 2.1 μM ^[1]. IC₅₀ & Target: K_d: 2.1 μM (PARP14)^[1]

References:

[1]. Schuller M, et al. Discovery of a Selective Allosteric Inhibitor Targeting Macrodomain 2 of Polyadenosine-Diphosphate-Ribose Polymerase 14. ACS Chem Biol. 2017 Nov 17;12(11):2866-2874.

CAIndexNames:

Acetamide, N-[2-(9H-carbazol-1-yl)phenyl]-

SMILES:

CC(NC1=CC=CC=C1C2=CC=CC3=C2NC4=CC=CC=C4)=O

Caution: Product has not been fully validated for medical applications. For research use only.

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