



GJ103 sodium salt

Cat. No.:	OB0225WX-2336
Appearance:	Solid
Purity:	≥99%
Identity:	Confirmed by NMR, and LC-MS.
Size:	2 mg; 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	GJ103 sodium salt is a read-through compound and an active analog of GJ072 that modifies the physical properties of aqueous solutions by reducing pH, viscosity, and surface tension.
Synonym	1459687-96-7; GJ103 (sodium salt); GJ-103 sodium salt; GJ-103 (sodium salt); sodium; 2-[[4-(3-methoxyphenyl)-5-pyridin-2-yl-1,2,4-triazol-3-yl]sulfanyl]acetate; sodium 2-((4-(3-methoxyphenyl)-5-(pyridin-2-yl)-4H-1,2,4-triazol-3-yl)thio)acetate; sodium 2-[[4-(3-methoxyphenyl)-5-(pyridin-2-yl)-4H-1,2,4-triazol-3-yl]sulfanyl]acetate; GJ103 (sodium); Sodium 2-[[4-(3-methoxyphenyl)-5-(pyridin-2-yl)-1,2,4-triazol-3-yl]sulfanyl]acetate
CAS No.	1459687-96-7
Compound CID	71748052
Formula	C ₁₆ H ₁₃ N ₄ NaO ₃ S
Formula Weight	364.36

Specification

IUPAC Name	Sodium; 2-[[4-(3-methoxyphenyl)-5-pyridin-2-yl-1,2,4-triazol-3-yl]sulfanyl]acetate
InChI	InChI=1S/C16H14N4O3S.Na/c1-23-12-6-4-5-11(9-12)20-15(13-7-2-3-8-17-13)18-19-16(20)24-10-14(21)22;/h2-9H,10H2,1H3,(H,21,22);/q;+1/p-1
InChI Key	PTFQBXAUOWUATD-UHFFFAOYSA-M



SMILES string	<chem>COC1=CC=CC(=C1)N2C(=NN=C2SCC(=O)[O-])C3=CC=CC=N3.[Na+]</chem>
Stability	3 years in powder form.
Storage	Storage at -20°C.
Applications	GJ103 sodium salt is employed in biochemical research to study the targeted modulation of intracellular signaling and its impact on cellular homeostasis in diverse disease models.

Library Information

Target	ATM/ATR
Receptor	ATM
Pathways	DNA damage/DNA repair; PI3K/Akt/mTOR signaling
Plate Number	AOCL-30
Plate Location	h7
Empty Location	a1-h1; a12-h12
Container	96-well plate
Formulation	10mM DMSO
DMSO Max Solubility	50 mg/mL; 137.23 mM
Water Max Solubility	Soluble