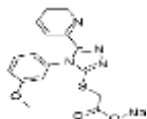


PRODUCT: GJ-103 Sodium salt**ALTERNATE NAME:** 2-((4-(3-methoxyphenyl)-5-(pyridin-2-yl)-4H-1,2,4-triazol-3-yl)thio)acetate sodium**CATALOG NUMBER:** B1842-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₆H₁₃N₄NaO₃S**MOLECULAR WEIGHT:** 364.35**CAS NUMBER:** 1459687-96-7**APPEARANCE:** Crystalline solid**SOLUBILITY:** H₂O**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and moisture**DESCRIPTION:** GJ103 sodium salt is an active, water-soluble analog of the read-through compound GJ072. Chemical-induced read through of premature stop codons might be exploited as a potential treatment strategy for genetic disorders caused by nonsense mutations. It induces ATM kinase activity in A-T cells carrying different homozygous nonsense mutations; this analog is also active in A-T cells containing TAG or TAA stop codons.**REFERENCES:** Liutao, D., *et al.* (2013). *Mol. Ther.* **21**, 1653-1660.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**ATM Kinase Inhibitor, Ku-55933 (**1685**)AZD-0156 (**B1305**)KU-60019 (**9572**)**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**