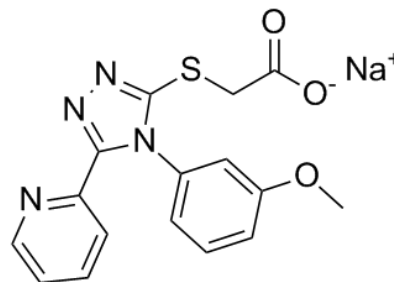


**Product Name** : GJ103 sodium salt  
**Cat. No.** : PC-42333  
**CAS No.** : 1459687-96-7  
**Molecular Formula** : C<sub>16</sub>H<sub>13</sub>N<sub>4</sub>NaO<sub>3</sub>S  
**Molecular Weight** : 364.35418928  
**Target** : ATM/ATR  
**Solubility** : DMSO: ≥ 34 mg/mL



### Biological Activity

GJ103 sodium salt is a novel small molecular **read-through** (SMRT) compound that can induce read through of nonsense mutations in the **ATM** gene.

GJ103 sodium salt induces ATM kinase on both TGA and TAG stop codons and restores ATMpSer1981 autophosphorylation and SMC1pSer966 transphosphorylation in A-T cells.

### References

Du L, et al. *Mol Ther.* 2013 Sep;21(9):1653-60.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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