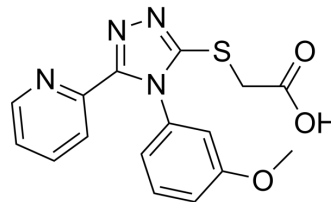


GJ103

Cat. No.:	HY-101203
CAS No.:	1459687-89-8
Molecular Formula:	C ₁₆ H ₁₄ N ₄ O ₃ S
Molecular Weight:	342.37
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	GJ103 is a read-through compound that can induce read through of premature stop codons. GJ103 has potential for the research of genetic disorders caused by nonsense mutations ^[1] .
In Vivo	GJ103 (10-30 μM; 4 days) induces ATM kinase activity in AT153LA cells with a homozygous TGA mutation and a homozygous TAA mutation ^[1] . GJ103 does not show obvious cytotoxicity in A-T cells at concentration as high as 300 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Du L, et, al. A new series of small molecular weight compounds induce read through of all three types of nonsense mutations in the ATM gene. Mol Ther. 2013 Sep;21(9):1653-60.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA