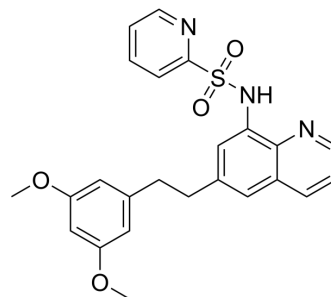


## Glyoxalase I inhibitor 2

Cat. No.:	HY-146654
CAS No.:	2314467-61-1
Molecular Formula:	C <sub>24</sub> H <sub>23</sub> N <sub>3</sub> O <sub>4</sub> S
Molecular Weight:	449.52
Target:	Glyoxalase (GLO)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Glyoxalase I inhibitor 2 (compound 26) is a potent glyoxalase I (GLO1) inhibitor with an IC <sub>50</sub> of 0.5 μM. Glyoxalase I inhibitor 2 has the potential for the research of depression and anxiety <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.5 μM μM (GLO1) <sup>[1]</sup>

### REFERENCES

[1]. Jin T, Zhao L, et al. Recent advances in the discovery and development of glyoxalase I inhibitors. *Bioorg Med Chem*. 2020 Feb 15;28(4):115243.

**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