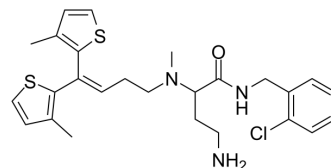


mGAT3/4-IN-2

| | |
|--------------------|-------------------------------------------------------------------------------------------|
| Cat. No.: | HY-146281 |
| CAS No.: | 2556833-68-0 |
| Molecular Formula: | C ₂₆ H ₃₂ ClN ₃ OS ₂ |
| Molecular Weight: | 502.13 |
| Target: | GABA Receptor |
| Pathway: | Membrane Transporter/Ion Channel; Neuronal Signaling |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Description | mGAT3/4-IN-2 (compound 27b) is a potent mGAT3/mGAT4 inhibitor, with pIC ₅₀ values of 5.44 and 5.25, respectively ^[1] . |
| IC ₅₀ & Target | pIC ₅₀ : 5.12 ± 0.08 (mGAT1), 5.14 ± 0.07 (mGAT2), 5.44 ± 0.08 (mGAT3), 5.25 ± 0.04 (mGAT4) ^[1] |

REFERENCES

[1]. Zaręba P, et al. Novel mouse GABA uptake inhibitors with enhanced inhibitory activity toward mGAT3/4 and their effect on pain threshold in mice. *Eur J Med Chem.* 2020 Feb 15;188:111920.

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