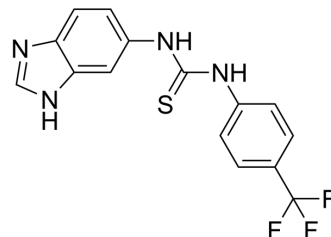


EcGUS-IN-1

Cat. No.:	HY-162884
CAS No.:	2208619-76-3
Molecular Formula:	C ₁₅ H ₁₁ F ₃ N ₄ S
Molecular Weight:	336.33
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	EcGUS-IN-1 (Compound E-9) is a non-competitive β -glucuronidase inhibitor, with an IC ₅₀ of 2.68 μ M and a K _i value of 1.64 μ M. EcGUS-IN-1 can improve gastrointestinal adverse events (GIAE) caused by Escherichia coli infection by inhibiting E. coli β -glucuronidase activity ^[1] .
IC ₅₀ & Target	IC50: 2.68 μ M (β -glucuronidase) ^[1]

REFERENCES

[1]. Xu K, et al. Design, synthesis, and biological evaluation of (thio)urea derivatives as potent Escherichia coli β -glucuronidase inhibitors. J Enzyme Inhib Med Chem. 2024 Dec;39(1):2387415.

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