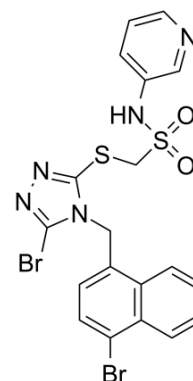


URAT1 inhibitor 1

Cat. No.:	HY-114309
CAS No.:	2268720-62-1
Molecular Formula:	C ₁₉ H ₁₅ Br ₂ N ₅ O ₂ S ₂
Molecular Weight:	569.29
Target:	URAT1
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

URAT1 inhibitor 1 (1g) is a **uric acid transporter 1 (URAT1)** inhibitor, with an IC₅₀ of 32 nM. URAT1 inhibitor 1 has potential to treat hyperuricemia associated with gout^[1].

IC₅₀ & Target

IC₅₀: 32 nM (URAT1)^[1].

REFERENCES

[1]. Wu JW, et al. Synthesis, biological evaluation and 3D-QSAR studies of 1,2,4-triazole-5-substituted carboxylic acid bioisosteres as uric acid transporter 1 (URAT1) inhibitors for the treatment of hyperuricemia associated with gout. *Bioorg Med Chem Lett*. 2019 Feb 1;29(3):383-388.

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

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