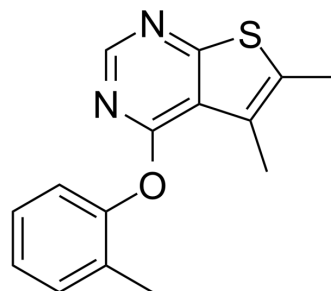


MRGPRX1 agonist 2

Cat. No.:	HY-143878
CAS No.:	302952-43-8
Molecular Formula:	C ₁₅ H ₁₄ N ₂ OS
Molecular Weight:	270.35
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MRGPRX1 agonist 2 (compound 1a) is a potent Mas-related G protein-coupled receptor X1 (MRGPRX1) positive allosteric modulator with an EC ₅₀ value of 0.48 μM. MRGPRX1 agonist 2 can be used for researching neuropathic pain ^[1] .
IC ₅₀ & Target	EC ₅₀ : 0.48 μM (MRGPRX1) ^[1]

REFERENCES

[1]. Berhane I, et al. Thieno[2,3-d]pyrimidine-Based Positive Allosteric Modulators of Human Mas-Related G Protein-Coupled Receptor X1 (MRGPRX1). *J Med Chem.* 2022;65(4):3218-3228.

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

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