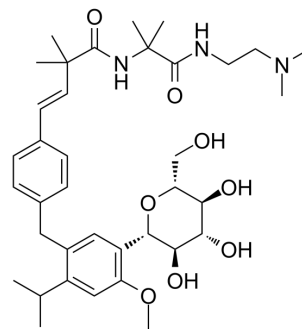


SGL5213

Cat. No.:	HY-114308
CAS No.:	1240305-17-2
Molecular Formula:	C ₃₇ H ₅₅ N ₃ O ₈
Molecular Weight:	669.85
Target:	SGLT
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SGL5213 is a potent, oral active and low-absorbable sodium-dependent glucose cotransporter 1 (SGLT1) inhibitor, with IC ₅₀ values of 29 nM and 20 nM for hSGLT1 and hSGLT2, respectively. SGL5213 has potential to treat type 2 diabetes treatment ^[1] .
IC ₅₀ & Target	IC ₅₀ : 29nM/20 nM (hSGLT1/ hSGLT2) ^[1] .

REFERENCES

[1]. Kuroda S, et al. Discovery of potent, low-absorbable sodium-dependent glucose cotransporter 1 (SGLT1) inhibitor SGL5213 for type 2 diabetes treatment. Bioorg Med Chem. 2019 Jan 15;27(2):394-409.

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

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