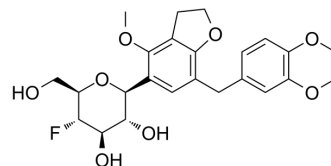


SGLT inhibitor-1

Cat. No.:	HY-112807
CAS No.:	2247314-23-2
Molecular Formula:	C ₂₄ H ₂₇ FO ₈
Molecular Weight:	462.46
Target:	SGLT
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SGLT inhibitor-1 is a potent dual inhibitor of sodium glucose co-transporter proteins (SGLTs), inhibits hSGLT1 and hSGLT2 with IC ₅₀ s of 43 nM and 9 nM, respectively ^[1] .
IC ₅₀ & Target	IC ₅₀ : 43 nM (hSGLT1), 9 nM (hSGLT2) ^[1]

REFERENCES

[1]. Xu G^Ø et al. Design, synthesis and biological evaluation of (2S,3R,4R,5S,6R)-5-fluoro-6-(hydroxymethyl)-2-aryltetrahydro-2H-pyran-3,4-diols as potent and orally active SGLT dual inhibitors. *Bioorg Med Chem Lett*. 2018 Nov 15;28(21):3446-3453.

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

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