



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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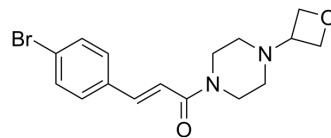
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GPR183-IN-1

Cat. No.:	HY-163795
CAS No.:	2924063-70-5
Molecular Formula:	C ₁₆ H ₁₉ BrN ₂ O ₂
Molecular Weight:	351.24
Target:	EBI2/GPR183
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	GPR183-IN-1 (compound 15) is a potent and orally activity GPR183 inhibitor. GPR183-IN-1 inhibits Ca ²⁺ mobilization with an IC ₅₀ value of 39.97 nM. GPR183-IN-1 has the potential for the research of cancer, autoimmune diseases, pain, and osteoporosis ^[1] .						
In Vivo	Pharmacokinetic Parameters ^[1] .						
	Parameters	CL (mL/min/kg)	T _{1/2} (h)	C _{max} (ng/mL)	AUC _{0-t} (ng·h/mL)	V _{ss} (L/kg)	F (%)
	IV 1 mg/kg	32.56	0.69	934.25	513.00	1.53	-
	PO 10 mg/kg	-	1.25	3026.21	6819.57	-	133.21
	MCE has not independently confirmed the accuracy of these methods. They are for reference only.						

REFERENCES

[1]. JianFei Xi, et al. Compounds and their use as GPR183 inhibitors. CN118201911A.

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

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