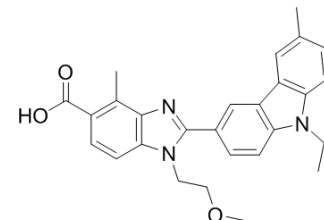


BAY-1316957

Cat. No.:	HY-111539
CAS No.:	1613264-40-6
Molecular Formula:	C ₂₇ H ₂₇ N ₃ O ₃
Molecular Weight:	441.52
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	BAY-1316957 is a highly potent and selective EP4 receptor antagonist with an IC₅₀ of 15.3 nM. Good oral bioavailability ^[1] .
IC ₅₀ & Target	IC ₅₀ : 15.3 nM (EP4) ^[1]

REFERENCES

[1]. Bäurle S, et al. Identification of a Benzimidazolecarboxylic Acid Derivative (BAY 1316957) as a Potent and Selective Human Prostaglandin E2 Receptor Subtype 4 (hEP4-R) Antagonist for the Treatment of Endometriosis. *J Med Chem.* 2019 Mar 14;62(5):2541-2563.

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

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