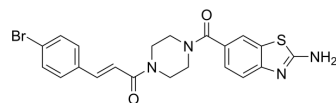


## GPR183 antagonist-3

Cat. No.:	HY-157939
Molecular Formula:	C <sub>21</sub> H <sub>19</sub> BrN <sub>4</sub> O <sub>2</sub> S
Molecular Weight:	471.37
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 antagonist-3 (compound 33) is an oral active GPR183 antagonist with the IC<sub>50</sub> of 8.7 μM. GPR183 antagonist-3 displays strong in vitro antimigration and anti-inflammatory activity in monocytes, and improves the pathological symptoms of DSS-induced experimental colitis<sup>[1]</sup>.

### REFERENCES

[1]. Zeng R, et al. Discovery of a Highly Potent Oxysterol Receptor GPR183 Antagonist Bearing the Benzo[d]thiazole Structural Motif for the Treatment of Inflammatory Bowel Disease (IBD). *J Med Chem*. Published online February 28, 2024.

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

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