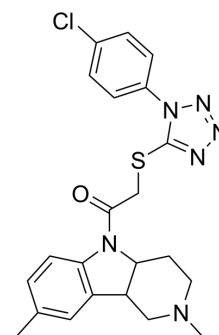


(rac)-AG-205

Cat. No.:	HY-121012
CAS No.:	442656-02-2
Molecular Formula:	C ₂₂ H ₂₃ ClN ₆ OS
Molecular Weight:	454.98
Target:	NF-κB; Akt
Pathway:	NF-κB; PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(rac)-AG-205 is a potent inhibitor of progesterone receptor membrane component 1 (Pgrmc1) that induces genes involved in sterol synthesis, including the INSIG1 protein, which forms a complex with PGRMC1. (rac)-AG-205 prevents neuronal resistance to hypoxic ischaemia by blocking NF-κB signalling and activation of the BDNF/PI3K/AKT pathway^[1].

REFERENCES

[1]. Cahill MA. Unde venisti PGRMC? Grand-Scale Biology from Early Eukaryotes and Eumetazoan Animal Origins. *Front Biosci (Landmark Ed)*. 2022 Nov 30;27(11):317

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

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