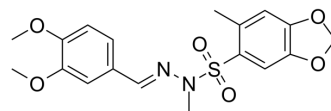


LASSBio-1632

Cat. No.:	HY-131340
Molecular Formula:	C ₁₈ H ₂₀ N ₂ O ₆ S
Molecular Weight:	392.43
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

LASSBio-1632 is a new anti-asthmatic lead candidate associated with selective inhibition of PDE4A and PDE4D isoenzymes and blockade of airway hyper-reactivity (AHR) and TNF- α production in the lung tissue. LASSBio-1632 (7j) displays high experimental BBB permeability across BBB through passive diffusion^[1].

IC₅₀ & Target

PDE4A

PDE4D

REFERENCES

[1]. Isabelle Karine da Costa Nunes, et al. Discovery of sulfonyl hydrazone derivative as a new selective PDE4A and PDE4D inhibitor by lead-optimization approach on the prototype LASSBio-448: In vitro and in vivo preclinical studies. *Eur J Med Chem.* 2020 Jul 18;204:112492.

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

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