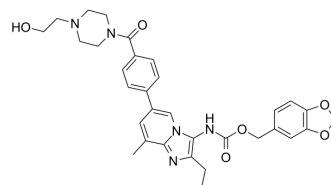


ATX inhibitor 11

Cat. No.:	HY-143237
CAS No.:	2485779-27-7
Molecular Formula:	C ₃₂ H ₃₅ N ₅ O ₆
Molecular Weight:	585.65
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ATX inhibitor 11 (compound 13c) is a potent ATX (autotaxin) inhibitor, with an IC ₅₀ of 2.7 nM. ATX inhibitor 11 can typically alleviate the severity of fibrosis tissues and effectively reduce the deposition of fibrotic biomarker α -SMA in mice fibrosis model. ATX inhibitor 11 can be used for lung fibrosis research ^[1] .
IC ₅₀ & Target	Autotaxin 2.7 \pm 1 nM (IC ₅₀)

REFERENCES

[1]. Lei H, et al. Novel imidazo[1,2-a]pyridine derivatives as potent ATX allosteric inhibitors: Design, synthesis and promising in vivo anti-fibrotic efficacy in mice lung model. Bioorg Chem. 2022 Mar;120:105590.

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

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