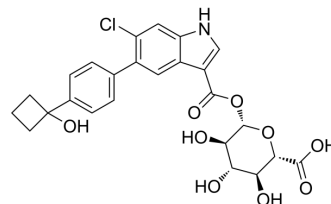


AMPK- α 1 β 1 γ 1 activator 1

Cat. No.:	HY-157129
CAS No.:	1943510-86-8
Molecular Formula:	C ₂₅ H ₂₄ ClNO ₉
Molecular Weight:	517.91
Target:	AMPK
Pathway:	Epigenetics; PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AMPK- α 1 β 1 γ 1 activator 1 (M1) is an acyl glucuronide metabolite of Indole-3-carboxylic Acid-based AMPK activator. AMPK- α 1 β 1 γ 1 activator 1 can selectively activated human β 1 isoforms with an EC ₅₀ value of 38.1nM. AMPK- α 1 β 1 γ 1 activator 1 can direct binding with human AMPK α 1 β 1 γ 1 isoform. AMPK- α 1 β 1 γ 1 activator 1 can be used for the research of diabetic nephropathy ^[1] .
IC ₅₀ & Target	EC50: 38.1nM (AMPK- α 1 β 1 γ 1) ^[1]

REFERENCES

[1]. Ryder TF, et al. Acyl Glucuronide Metabolites of 6-Chloro-5-[4-(1-hydroxycyclobutyl)phenyl]-1 H-indole-3-carboxylic Acid (PF-06409577) and Related Indole-3-carboxylic Acid Derivatives are Direct Activators of Adenosine Monophosphate-Activated Protein Kinase (AMPK). J Med Chem. 2018 Aug 23;61(16):7273-7288.

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

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