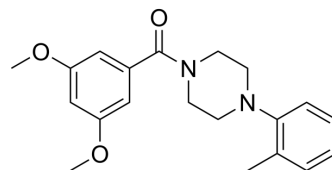


GAC0003A4

Cat. No.:	HY-160038
CAS No.:	929492-71-7
Molecular Formula:	C ₂₀ H ₂₄ N ₂ O ₃
Molecular Weight:	340.42
Target:	LXR
Pathway:	Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (367.19 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	2.9375 mL	14.6877 mL	29.3755 mL	
5 mM	0.5875 mL	2.9375 mL	5.8751 mL	
10 mM	0.2938 mL	1.4688 mL	2.9375 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

GAC0003A4 is an LXR inverse agonist that inhibits LXR transcriptional activity. GAC0003A4 also efficiently degrades LXRβ protein. GAC0003A4 has the potential to be used in advanced pancreatic cancer and other refractory malignancies^[1].

REFERENCES

[1]. Karaboga H, et al. Screening of Focused Compound Library Targeting Liver X Receptors in Pancreatic Cancer Identified Ligands with Inverse Agonist and Degradation Activity. ACS Chem Biol. 2020 Nov 20;15(11):2916-2928.

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

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