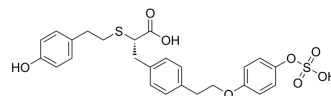


## AZD4619

Cat. No.:	HY-113820
CAS No.:	1067247-60-2
Molecular Formula:	C <sub>25</sub> H <sub>26</sub> O <sub>8</sub> S <sub>2</sub>
Molecular Weight:	518.6
Target:	PPAR
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

AZD4619 is an orally active, selective peroxisome proliferator-activated receptor  $\alpha$  (PPAR $\alpha$ ) agonist. AZD4619 increases alanine aminotransferase 1 (ALT1) protein expression in a dose-dependent manner in human, but not in rat primary hepatocytes. AZD4619 is a lipid-lowering drug<sup>[1][2]</sup>.

#### IC<sub>50</sub> & Target

PPAR $\alpha$

### REFERENCES

[1]. Petra Thulin, et al. PPARalpha regulates the hepatotoxic biomarker alanine aminotransferase (ALT1) gene expression in human hepatocytes. *Toxicol Appl Pharmacol.* 2008 Aug 15;231(1):1-9.

[2]. Petra Thulin, et al. The peroxisome proliferator-activated receptor  $\alpha$  agonist, AZD4619, induces alanine aminotransferase-1 gene and protein expression in human, but not in rat hepatocytes: Correlation with serum ALT levels. *Int J Mol Med.* 2016 Sep;38(3):961-8.

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

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