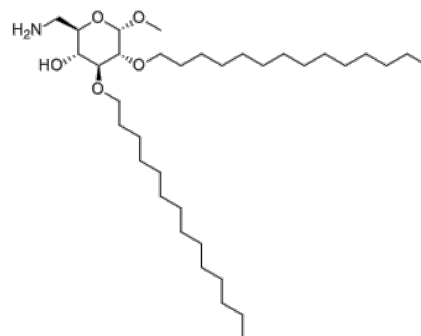


Product Name : IAXO-102
Cat. No. : PC-63208
CAS No. : 1115270-63-7
Molecular Formula : C₃₅H₇₁NO₅
Molecular Weight : 585.955
Target : Toll-like Receptor (TLR)
Solubility : 10 mM in DMSO



Biological Activity

IAXO-102 is a novel selective **TLR4** antagonist, negatively regulates non-hematopoietic TLR4 signalling and inhibits experimental AAA development.

IAXO-102 inhibits MAPK and p65 NF-κB phosphorylation associated with down regulation of the expression of TLR4 and TLR4 dependent proinflammatory proteins.

IAXO-102 decreases Angiotensin II-induced aortic expansion, rupture and incidence of abdominal aortic aneurysm (AAA).

References

Huggins C, et al. *Atherosclerosis*. 2015 Oct;242(2):563-70.

Kawakita F, et al. *Mol Neurobiol*. 2017 Oct;54(8):6624-6633.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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