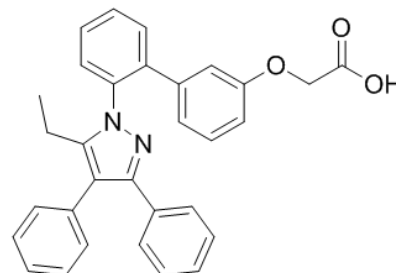


Product Name : BMS-309403
Cat. No. : PC-42435
CAS No. : 300657-03-8
Molecular Formula : C₃₁H₂₆N₂O₃
Molecular Weight : 474.55
Target : FABP
Solubility : 100 mM in DMSO



Biological Activity

BMS-309403 is a potent, selective, cell-permeable and orally active inhibitor of **FABP4** (Fatty acid binding protein 4) with K_i of < 2 nM.

BMS-309403 improves endothelial function, phosphorylated and total eNOS and reduces plasma triglyceride levels but does not affect endothelium-independent relaxations in mice.

BMS-309403 exhibits an effective therapeutic activity against severe atherosclerosis and type 2 diabetes in mouse models.

References

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Lee MY, et al. *Br J Pharmacol*. 2011 Apr;162(7):1564-76.

Sulsky R, et al. *Bioorg Med Chem Lett*. 2007 Jun 15;17(12):3511-5.

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

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