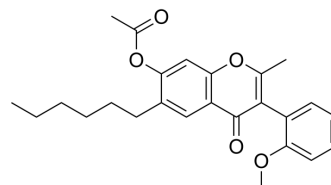


FPR1 antagonist 1

Cat. No.:	HY-156293
Molecular Formula:	C ₂₅ H ₂₈ O ₅
Molecular Weight:	408.49
Target:	Formyl Peptide Receptor (FPR); Apoptosis
Pathway:	GPCR/G Protein; Apoptosis
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	FPR1 antagonist 1 (compound 24a) is a formyl peptide receptor 1 (FPR1) antagonist with an IC ₅₀ of 25 nM. FPR1 antagonist 1 inhibits cell growth through a combined effect on cell proliferation and apoptosis and reduces cell migration, while inducing an increase in angiogenesis ^[1] .
IC ₅₀ & Target	IC50: 25 nM (FPR1) ^[1]

REFERENCES

[1]. Fabio Francavilla, et al. Development of potent isoflavone-based formyl peptide receptor 1 (FPR1) antagonists and their effects in gastric cancer cell models. Eur J Med Chem. 2023 Oct 4;261:115854.

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

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