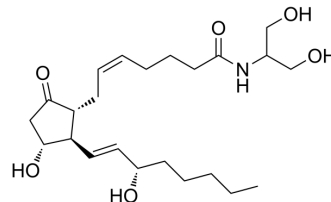


Prostaglandin E2 serinol amide

Cat. No.:	HY-118556
CAS No.:	951209-67-9
Molecular Formula:	C ₂₃ H ₃₉ NO ₆
Molecular Weight:	425.56
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Prostaglandin E2 serinol amide is a weak inhibitor of the hydrolysis of [3H]2-oleoylglycerol. Prostaglandin E2 serinol amide is non-hydrolyzable to produce PGE2 and thus cannot inhibit leukotriene B4 biosynthesis, superoxide production, migration and antimicrobial peptide release^[1].

REFERENCES

[1]. Fowler CJ, et al. Cyclooxygenation of the arachidonoyl side chain of 1-arachidonoylglycerol and related compounds block their ability to prevent anandamide and 2-oleoylglycerol metabolism by rat brain in vitro. *Biochem Pharmacol.* 2005 Apr 15;69(8):1241-5.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA