

Glycerophosphoinositol 4-phosphate disodium

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Glycerophosphoinositol 4-phosphate (GroPIIns-4-P) disodium is a metabolite of phospholipase A and an inhibitor of adenylate cyclase. This compound can regulate cAMP-dependent cellular functions and also induces membrane ruffling and stress fiber formation in serum-starved Swiss 3T3 cells by activating small GTPases Rac and Rho, respectively. It is useful for research on cancer cell motility and invasion.
Targets(IC50)	AChR,ROCK

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481