

Phospholipase A2, Streptomyces violaceoruber

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	Phospholipase A2, derived from Streptomyces violaceoruber (EC 3.1.1.4), hydrolyzes the β -ester bond of zwitterionic glycerophospholipids. Its primary substrates include phosphatidylcholine, phosphatidylethanolamine, and their plasmalogen analogs. It can also hydrolyze phosphatidylinositol and phosphatidylserine. Phospholipase A2 effectively targets phospholipids within intact cell membranes by specifically recognizing and catalyzing the hydrolysis of the sn-2 acyl bond, resulting in the release of arachidonic acid and lysophospholipids.
Targets(IC50)	Phospholipase

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