

(±)8(9)-EE-14(Z)-E

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	(±)14(15)-EE-8(Z)-E is a potent vasodilator in bovine coronary arteries. The synthesis of this analog involves the formation of the epoxide at the 14,15-double bond, however, epoxidation can also occur at the 8,9-double bond. (±)8(9)-EE-14(Z)-E is a minor product from the synthesis of (±)14(15)-EE-8(Z)-E. This compound has not been reported in the literature, and its biological activity is not known. It may serve as a tool to verify that the parent compound, (±)14(15)-EE-8(Z)-E, is pure and does not contain the 8,9-epoxy regioisomer.
Targets(IC50)	Others

Solubility Information

Solubility	PBS (pH 7.2): 0.5 mg/mL, Sonication is recommended. Ethanol: 10 mg/mL, Sonication is recommended. DMF: 10 mg/mL, Sonication is recommended. DMSO: 10 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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