

Product datasheet

Sulprostone ab120907

Overview

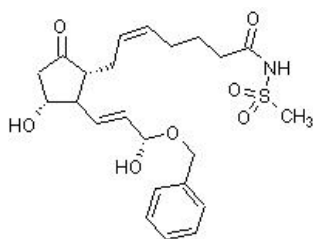
Product name	Sulprostone
Description	Selective EP ₁ / EP ₃ receptor agonist. PGE ₂ analog.
Biological description	Selective EP ₁ / EP ₃ receptor agonist (K _i values are 21 and 0.6 nM, respectively). PGE ₂ analog.
Purity	> 98%

Properties

Chemical name (5Z)-7-[(1R,2R,3R)-3-Hydroxy-2-[(1E,3R)-3-hydroxy-4-phenoxy-1-buten-1-yl]-5-oxocyclopentyl]-N-(methylsulfonyl)-5-heptenamide

Molecular weight 465.65

Chemical structure



Molecular formula C₂₃H₃₁NO₇S

CAS Number 60325-46-4

Storage instructions Store at -20°C (desiccating conditions).

Solubility overview Supplied in methyl acetate (10 mg/ml)

Handling Providing storage is as stated on the product vial and the vial is kept tightly sealed, the product can be stored for up to 6 months. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

SMILES OC(COc1ccccc1)/C=C/[C@H]1C(O)CC(=O)C1C/C=CCCCC(=O)NS(=O)(=O)C

Source Synthetic

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"

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