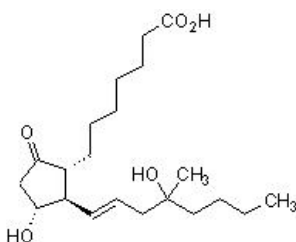


Product datasheet

Misoprostol, free acid, Saponified analog of prostaglandin E1 methyl ester ab141718

[1 Image](#)

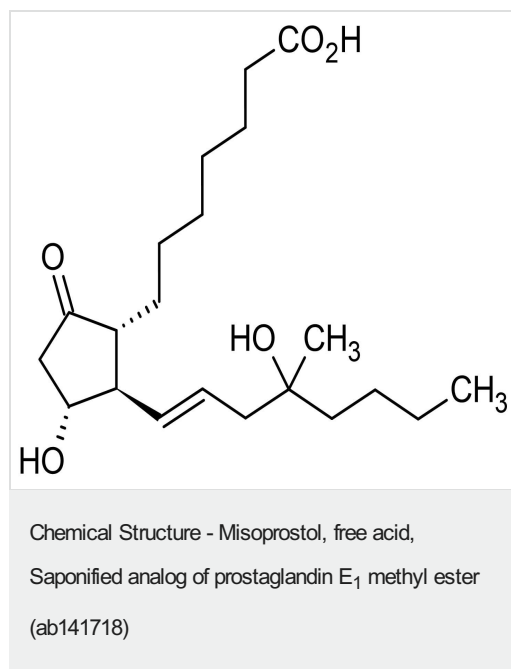
Overview

Product name	Misoprostol, free acid, Saponified analog of prostaglandin E1 methyl ester
Description	Saponified analog of prostaglandin E ₁ methyl ester
Purity	> 98%
CAS Number	112137-89-0
Chemical structure	

Properties

Chemical name	7-[(1 <i>R</i> ,2 <i>R</i> ,3 <i>R</i>)-3-Hydroxy-2-[(<i>E</i>)-4-hydroxy-4-methyloct-1-enyl]-5-oxocyclopentyl]heptanoic acid
Molecular weight	368.50
Molecular formula	C ₂₁ H ₃₆ O ₅
PubChem identifier	6436406
Storage instructions	Store at -20°C (desiccating conditions).
Solubility overview	Soluble in DMSO to 50 mM and in ethanol to 25 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. 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.</p> <p>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>CCCCC(C)(CC=CC1C(CC(=O)C1CCCCCCC(=O)O)O)O</chem>

Images



2D chemical structure image of ab141718, Misoprostol, free acid,
Saponified analog of prostaglandin E1 methyl ester

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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