

Lubiprostone

Catalog No: tcsc2911



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:
136790-76-6

Formula:
 $C_{20}H_{32}F_2O_5$

Pathway:
Membrane Transporter/Ion Channel

Target:
Chloride Channel

Purity / Grade:
>98%

Solubility:
10 mM in DMSO

Alternative Names:
RU-0211;SPI-0211

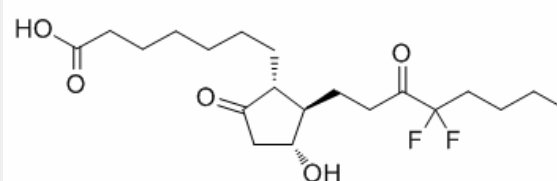
Observed Molecular Weight:
390.46

Product Description

Lubiprostone(SPI-0211;RU0211) is a gastrointestinal agent used for the treatment of idiopathic chronic constipation.

Target: Others

Lubiprostone is a bicyclic fatty acid derived from prostaglandin E1 that acts by specifically activating ClC-2 chloride channels on the apical aspect of gastrointestinal epithelial cells, producing a chloride-rich fluid secretion. These secretions soften the stool, increase motility, and promote spontaneous bowel movements (SBM). From Wikipedia.



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