

Alosetron ((Z) -2-butenedioate)

Catalog No: tcsc0641



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

122852-43-1

Formula:

$C_{21}H_{22}N_4O_5$

Pathway:

Neuronal Signaling;GPCR/G Protein

Target:

5-HT Receptor;5-HT Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

GR 68755;GR 68755X

Observed Molecular Weight:

410.42

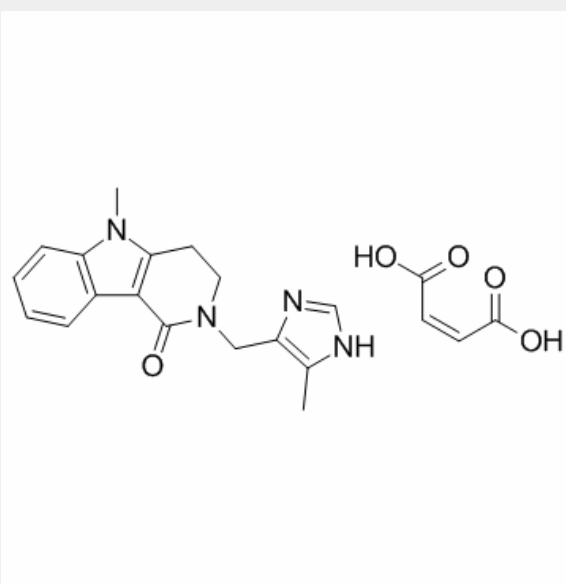
Product Description

Alosetron is a Serotonin 5HT3-receptor antagonist that is used in treatment of irritable bowel syndrome.

IC50 Value: N/A

Target: 5-HT Receptor

Alosetron has an antagonist action on the 5-HT₃ receptors of the enteric nervous system of the gastrointestinal tract. While being a 5-HT₃ antagonist like ondansetron, it is not classified or approved as an antiemetic. Since stimulation of 5-HT₃ receptors is positively correlated with gastrointestinal motility, alosetron's 5-HT₃ antagonism slows the movement of fecal matter through the large intestine, increasing the extent to which water is absorbed, and decreasing the moisture and volume of the remaining waste products. From Wikipedia.



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