

Irindalone

Catalog No: tcsc6668



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Size: 20mg



Specifications

CAS No:

96478-43-2

Formula:

$C_{24}H_{29}FN_4O$

Pathway:

Neuronal Signaling;GPCR/G Protein

Target:

5-HT Receptor;5-HT Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

Lu 21-098

Observed Molecular Weight:

408.51

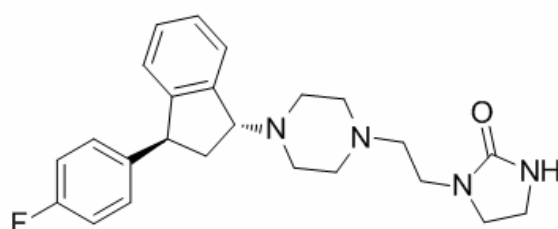
Product Description

Irindalone is a novel serotonin **5-HT₂** antagonist.

IC50 & Target: 5-HT₂^[1]

In Vitro: Irindalone causes a concentration-related inhibition of serotonin-induced contractions and shifts the serotonin curve to the right. Irindalone is more potent in inhibiting the serotonin-induced contractions. Irindalone has a similar profile in vitro, with a high affinity for serotonin 5-HT₂ receptors and about a 10 times lower affinity for α₁-adrenoceptors^[1].

In Vivo: Irindalone dose dependently lowers the blood pressure in spontaneously hypertensive rats (SHR) and renal hypertensive dogs^[1].



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