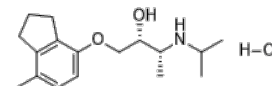


Product Name : ICI-118551 hydrochloride
Cat. No. : PC-27379
CAS No. : 72795-01-8
Molecular Formula :
Molecular Weight :
Target : Adrenergic Receptor
Solubility : 10 mM in DMSO



Biological Activity

ICI-118551 hydrochloride (Zenidolol) is a potent, selective β_2 -adrenergic receptor (ADRB2, beta(2)-AR) antagonist with K_i of 0.7, 49.5 and 611 nM for β_2 , β_1 and β_3 adrenergic receptors respectively.

ICI-118551 reversed the effect of (R)-salbutamol in ameliorating acute colitis.

ICI-118551 protects SH-SY5Y cells against staurosporine-induced apoptosis through a dual action on the mitochondria and on caspase 9.

ICI-118551 effectively attenuated ISO-induced growth and survival of HCC cells.

References

Ahrén B, et al. Eur J Pharmacol. 1981 Apr 24;71(1):93-104.

O'Donnell SR, et al. Life Sci. 1980 Aug 25;27(8):671-7.

Yuan A, et al. Oncol Rep. 2010 Jan;23(1):151-7.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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