Product Data Sheet

Product Name: RU 24969
CAS No.: 66611-26-5
Cat. No.: HY-16688
MWT: 228.29
Formula: C14H16N2O
Purity : >98%

Solubility: DMSO

Mechanisms: Pathways: GPCR/G protein; Target: 5-HT Receptor
Pathways: Neuronal Signaling; Target: 5-HT Receptor

Biological Activity:
RU 24969 is a selective agonist at the 5-HT1A and 5-HT1B receptors; IC50 value:
Target: 5-HT1A/1B agonist
RU 24969 possesses preference for the purported 5-HT1B subtype of central 5-HT1 recognition site. The reported significant linear correlation between hypotensive activity following intravenous (i.v.) administration to anesthetized rats and affinity for the central 5-HT1 binding site could only be maintained by incorporation of the affinity of RU 24969 for its low and 8-OH-DPAT for its high affinity binding site [1]. The drug RU 24969 (10 mg/kg) inhibited the rate of synthesis of 5-HT in rat brain by about 50%. Pretreatment of rats with desmethylimipramine over a longer term or clenbuterol given acutely, treatments known to enhance the behavioural responses of rats to various other 5-HT agonists, did not alter the RU 24969-induced response [2]. RU 24969 (0.03-3.0m... 

References:

Caution: Not fully tested. For research purposes only
Medchemexpress LLC
www.medchemexpress.com