

## Product Data Sheet

Product Name: GR 159897

Cat. No.: GC16408

### Chemical Properties

Cas. No. 158848-32-9

Chemical Name 5-fluoro-3-(2-(4-methoxy-4-((phenylsulfinyl)methyl)piperidin-1-yl)ethyl)-1H-indole

SMILES FC1=CC=C2NC=C(C2=C1)CCN3CCC(CC3)(CS(=O)(=O)C4=CC=CC=C4)OC

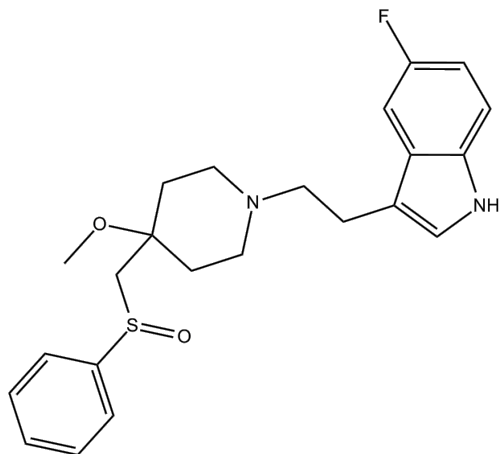
Formula  $C_{23}H_{27}FN_2O_2S$  M.Wt 414.54

Solubility 30mg/ml in DMSO Storage Desiccate at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



### Background

GR 159897 is a highly potent, selective, competitive, brain-penetrated non-peptide antagonist at tachykinin NK2 receptors, inhibits binding of [3H]GR100679 to hNK2-CHO cells and rat colon membranes with pK<sub>i</sub>s of 9.51 and 10, respectively. Antagonizes bronchoconstriction, with anxiolytic-like activity[1].

**Caution: Product has not been fully validated for medical applications. For research use only.**

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### References:

[1]. Beresford IJ, et al. GR159897, a potent non-peptide antagonist at tachykinin NK2 receptors. Eur J Pharmacol. 1995 Jan 16;272(2-3):241-8.

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