
Product Data Sheet

Product Name: Flutazolam (MS 4101)

Cat. No.: GC31164

Chemical Properties

Cas. No. 27060-91-9

SMILES O=C1N(CCO)C2=CC=C(Cl)C=C2C(OCC3)(C4=CC=CC=C4F)N3C1Formula $C_{19}H_{18}ClFN_2O_3$ M.Wt 376.81

Solubility Soluble in DMSO Storage Store 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**

Flutazolam (MS 4101; Ro 7-6102) is a medicine acts on benzodiazepine receptors of the brain and relieves anxiety or tension.

MS-4101 suppresses hyperemotionality in septal rats, fighting behavior in long-term isolated mice and pentylenetetrazol convulsion and potentiated thiopental sleep. These effects of MS-4101 are the same in potency as those of diazepam. MS-4101 inhibits considerably both scratching and head-twitch induced by mescaline in mice[1].

[1]. Mitsushima T, et al. Psychopharmacological effects of flutazolam (MS-4101). Nihon Yakurigaku Zasshi. 1978 Nov;74(8):959-79.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
