
Product Data Sheet

Product Name: MRS1186

Cat. No.: GC33654

Chemical Properties

Cas. No. 183721-03-1

SMILES CCC(NC1=NC2=C(C3=NC(C4=CC=CO4)=NN13)C=C(C=C2)Cl)=OFormula $C_{16}H_{12}ClN_5O_2$ M.Wt 341.75

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**

MRS1186 is a potent and selective human Adenosine A3 receptor (hA3AR) antagonist, with a K_i of 7.66 nM.

MRS1186 (compound 2d) is a potent and selective human Adenosine A3 receptor (hA3AR) antagonist, with a K_i of 7.66 nM[1].

[1]. Tafi A, et al. Pharmacophore based receptor modeling: the case of adenosine A3 receptor antagonists. An approach to the optimization of protein models. J Med Chem. 2006 Jul 13;49(14):4085-97.

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