

Product Data Sheet

Product Name: X5050
Cat. No.: GC62025

Chemical Properties

Cas. No. 2404756-81-4

SMILES O=C(C1=CC=C2N=C(C3=CC=CC=C3O)NC2=C1)NOCC=C

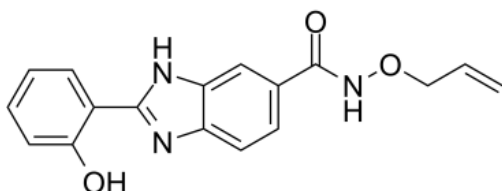
Formula $C_{17}H_{15}N_3O_3$ M.Wt 309.32

Solubility DMSO : 100 mg/mL (323.29 mM) 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

X5050 is a REST inhibitor, with an EC₅₀ of 2.1 μM[1].

X5050 (100 μM, 1 day) induces a dosedependent decrease in the REST isoform in protein level[1].

X5050 (2 x 2μl of 20 mM) is active in HD pathological context[1].

[1]. JÉRÉmie Charbord, et al. High throughput screening for inhibitors of REST in neural derivatives of

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

Product Data Sheet

human embryonic stem cells reveals a chemical compound that promotes expression of neuronal genes. Stem Cells. 2013 Sep;31(9):1816-28.

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