

Product Data Sheet

Product Name: MRT-14
Cat. No.: GC64419

Chemical Properties

Cas. No. 1263131-83-4

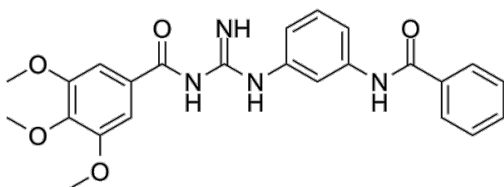
Formula C₂₄H₂₄N₄O₅ M.Wt 448.47

Solubility DMSO : 100 mg/mL (222.98 mM; Storage 4°C, protect from light
Need ultrasonic)

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

MRT-14 is a potent antagonist of Smo. Smo is the major component involved in signal transduction 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

the Hedgehog (Hh) morphogens. MRT-14 has the potential for the research of several types of cancers linked to abnormal Hh signaling[1].

[1]. Manetti F, et al. Virtual screening-based discovery and mechanistic characterization of the acylthiourea MRT-10 family as smoothened antagonists. Mol Pharmacol. 2010;78(4):658-665.

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