

Product Data Sheet

Product Name: Izilendustat

Cat. No.: GC63828

Chemical Properties

Cas. No. 1303512-02-8

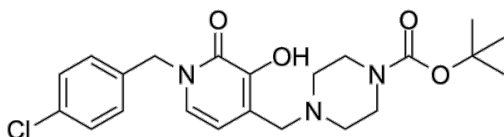
Formula $C_{22}H_{28}ClN_3O_4$ M.Wt 433.93

Solubility DMSO : 25 mg/mL (57.61 mM; ultrasonic and warming and heat to 60°C) 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

Izilendustat is a potent inhibitor of prolyl hydroxylase which can stabilize hypoxia inducible factor- 1 alpha (HIF- 1α) and hypoxia inducible factor-2 (HIF-2). Izilendustat has the potential for researching diseases that relate to the body's immune response like colitis and other inflammatory bowel diseases (extracted from patent WO2011057115A1 and WO2011057121A1)[1][1].

[1]. Joseph H, et al. Prolyl hydroxylase inhibitors. Patent WO2011057115A1. [2]. Joseph H, et al.

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

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Compositions and methods for treating colitis. Patent WO2011057121A1.

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