
Product Data Sheet

Product Name: Omzotirome

Cat. No.: GC64267

Chemical Properties

Cas. No. 1092551-88-6

Formula C₁₉H₂₄N₂O₃

M.Wt 328.41

Solubility DMSO : 100 mg/mL (304.50 mM; Need ultrasonic) 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**

Omzotirome (TRC150094), a functional analog of iodothyronines, can be used for the research of hyperlipidaemia (WO2008149379)[1][2].

Omzotirome (0.750 mg/ 100 g; i.p.) with high-fat diet rats have significantly less visceral adipose tissue (vs. HFD rats) and exhibit altered metabolism in two major tissues that are very active metabolically and exhibit increased energy expenditure and body weight (BW) gain comparable to that of standard chow-fed rats[1]. Omzotirome, a functional analog of iodothyronines, reduces adiposity by increasing energy expenditure and fatty acid oxidation in rats receiving a high-fat diet (HFD)[1].

[1]. WO2008149379

[2]. Cioffi F, et al. TRC150094, a novel functional analog of iodothyronines, reduces adiposity by increasing energy expenditure and fatty acid oxidation in rats receiving a high-fat diet. FASEB J. 2010;24(9):3451-3461.

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