
Product Data Sheet

Product Name: Milategrast

Cat. No.: GC69461

Chemical Properties

Cas. No. 859217-52-0

Formula C₂₄H₃₈N₂

M.Wt 354.57

Solubility DMSO : 5 mg/mL (14.10 mM; ultrasonic and warming and adjust pH to 2-3 with HCl and heat to 60°C)

Store
Storage 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**

Milategrast is useful as cell adhesion inhibitor or cell infiltration inhibitor. Milategrast in vitro inhibites the adhesion of Jurkat cells to human fibronectin with an IC₅₀ of <5 μM^[1].

[1]. Kotake, Makoto; Yoneda, Naoki; Osada, Katsunobu. Preparation of various crystal forms and salts of 1-cyclopropylmetl-4-[2-(3,3,5,5-tetrametlcyclohexyl)phenyl]piperazine for treating or preventing various inflammatory diseases and autoimmune diseases.WO

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

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