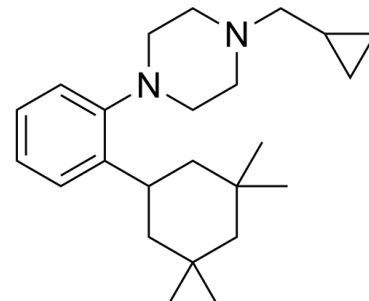


## Data Sheet

<b>Product Name:</b>	Milategrast
<b>Cat. No.:</b>	CS-0116060
<b>CAS No.:</b>	859217-52-0
<b>Molecular Formula:</b>	C <sub>24</sub> H <sub>38</sub> N <sub>2</sub>
<b>Molecular Weight:</b>	354.57
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Solubility:</b>	DMSO : 5 mg/mL (14.10 mM; ultrasonic and warming and adjust pH to 2-3 with HCl and heat to 60°C)



### BIOLOGICAL ACTIVITY:

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 IC<sub>50</sub> of <5 μM<sup>[1]</sup>.

### References:

[1]. Kotake, Makoto; Yoneda, Naoki; Osada, Katsunobu. Preparation of various crystal forms and salts of 1-cyclopropylmethyl-4-[2-(3,3,5,5-tetramethylcyclohexyl)phenyl]piperazine for treating or preventing various inflammatory diseases and autoimmune diseases. WO2006068058A1

### CAIndexNames:

Piperazine, 1-(cyclopropylmethyl)-4-[2-(3,3,5,5-tetramethylcyclohexyl)phenyl]-

### SMILES:

CC1(C)CC(C)(C)CC(C2=CC=CC=C2N3CCN(CC4CC4)CC3)C1

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

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA