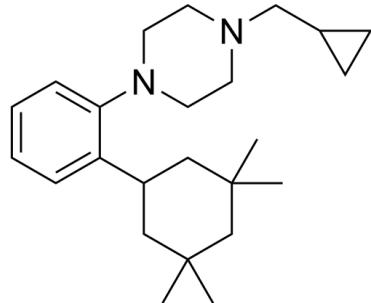


Data Sheet

Product Name:	Milategrast
Cat. No.:	CS-0116060
CAS No.:	859217-52-0
Molecular Formula:	C ₂₄ H ₃₈ N ₂
Molecular Weight:	354.57
Target:	Others
Pathway:	Others
Solubility:	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 inhibits the adhesion of Jurkat cells to human fibronectin with an IC₅₀ of <5 μM^[1].

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.

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