

Product Data Sheet

Product Name: SMS121
Cat. No.: GC74039

Chemical Properties

Cas. No.

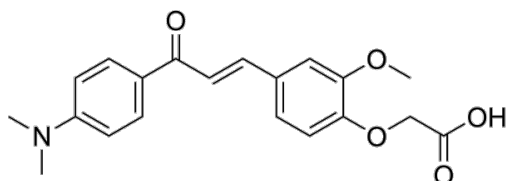
Formula C₂₀H₂₁NO₅ M.Wt 355.38

Solubility DMSO : 13.33 mg/mL (37.51 mM);
ultrasonic and warming and heat to 60°C) Storage -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

SMS121 is a CD36 inhibitor. By targeting the lipid uptake protein CD36, SMS121 blocks the pathway of fatty acid entry into AML cells to reduce the uptake of fatty acids by AML cells, thereby reducing the activity of these cells. SMS121 can be used to study acute myeloid leukemia (AML).

References:

[1]. Åbacka H, et al. SMS121, a new inhibitor of CD36, impairs fatty acid uptake and viability of acute

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

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myeloid leukemia[J]. Scientific Reports, 2024, 14(1): 9104.

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