

Product Data Sheet

Product Name: C/EBP α inducer 1

Cat. No.: GC62311

Chemical Properties

Cas. No. 2374285-52-4

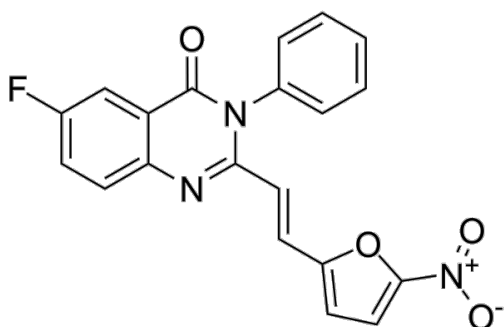
Formula C₂₀H₁₂FN₃O₄ M.Wt 377.33

Solubility 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

C/EBP α inducer 1 (compound 78) is a potent inducer of C/EBP α and myeloid differentiation[1].

C/EBP α inducer 1 (compound 78, 3 μ M) causes myeloid differentiation[1]. C/EBP α inducer 1 (compound 78) increases the expression of the neutrophil differentiation surface marker CD11b[1]. C/EBP α inducer 1 (compound 78) induces the expression of the neutrophil differentiation surface marker CD11b and upregulation of CEBPA and its downstream targets[1]. C/EBP α inducer 1 (compound 78) can upregulate G-CSF receptors, and render leukemic cells more sensitive to G-CSF stimulation[1].

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

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[1]. Radhakrishnan Sridhar, et al. Styryl Quinazolinones as Potential Inducers of Myeloid Differentiation via Upregulation of C/EBP α . Molecules. 2018 Aug 3;23(8):1938.

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