
Product Data Sheet

Product Name: (E)-7-Fluoro-4-hydrazono-4,5-dihydropyrrolo[1,2-a]quinoxaline
Cat. No.: GC34979

Chemical Properties

Cas. No. 895159-28-1

SMILES N/N=C1C2=CC=CN2C3=C(C=C(F)C=C3)N\1

Formula $C_{11}H_9FN_4$ M.Wt 216.21

Solubility Soluble in DMSO 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

(E)-7-Fluoro-4-hydrazono-4,5-dihydropyrrolo[1,2-a]quinoxaline is an intermediate, which can be used in the synthesis of SC144. SC144 is a potent agent with broad-spectrum cytotoxic activities in a number of tumor cells. SC144 shows excellent potency against a panel of human cancer cell lines[1].

[1]. Plasencia C, et al. Discovery of a novel quinoxalinhydrazide with a broad-spectrum anticancer activity. Cancer Biol Ther. 2009 Mar;8(5):458-65.

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

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