
Product Data Sheet

Product Name: 4-Chloro-7-(4-methylpiperazin-1-yl)pyrrolo[1,2-a]quinoxaline
Cat. No.: GC35127

Chemical Properties

Cas. No.

SMILES C1C1=NC2=CC(N3CCN(C)CC3)=CC=C2N4C1=CC=C4

Formula $C_{16}H_{17}ClN_4$ M.Wt 300.79

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

4-Chloro-7-(4-methylpiperazin-1-yl)pyrrolo[1,2-a]quinoxaline, a derivative of (E)-7-Fluoro-4-hydrazono-4,5-dihydropyrrolo[1,2-a]quinoxaline . an intermediate, which can be used in the synthesis of SC144. 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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA