

Product Data Sheet

Product Name: RU 56279

Cat. No.: GC81360

Chemical Properties

Cas. No. 143782-20-1

Formula $C_{13}H_{10}F_3N_3O_2$

M.Wt 297.23

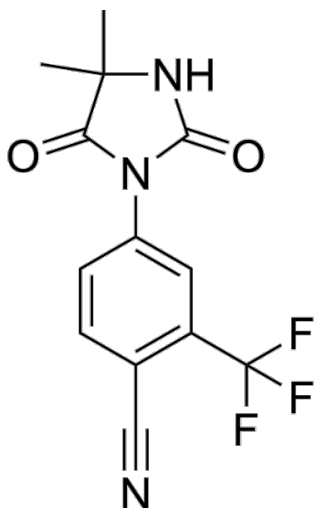
Solubility

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

RU 56279 is an androgen receptor (AR) antagonist with strong and systemic anti-androgenic activity. RU 56279 is also a common, potent and long-lasting anti-androgen metabolite of RU 56187 and RU 58841 in vivo. RU 56279 can be used as an AR ligand to construct an AR-targeted prodrug system for the study of AR-positive tumor cells [1] [2].

References:

[1]. Cousty-Berlin D, et al. Preliminary pharmacokinetics and metabolism of novel non-steroidal antiandrogens in the rat: relation of their systemic activity to the formation of a common metabolite. J

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

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Steroid Biochem Mol Biol. 1994 Oct;51(1-2):47-55.

[2]. Cogan PS, Koch TH. Rational design and synthesis of androgen receptor-targeted nonsteroidal anti-androgen ligands for the tumor-specific delivery of a doxorubicin-formaldehyde conjugate. J Med Chem. 2003 Nov 20;46(24):5258-70.

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