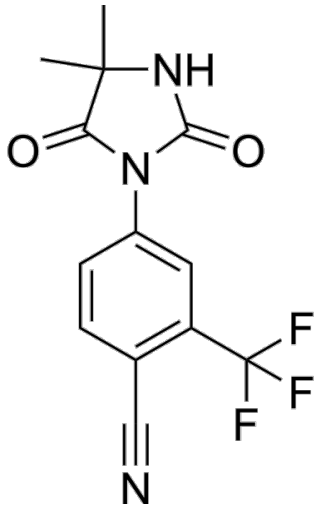
Product Data Sheet

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

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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.

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