

DY131

Catalog No: tcsc1009



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

95167-41-2

Formula:

$C_{18}H_{21}N_3O_2$

Pathway:

Others

Target:

Estrogen Receptor/ERR

Purity / Grade:

>98%

Solubility:

DMSO : 50 mg/mL (160.58 mM; Need ultrasonic)

Alternative Names:

GSK 9089

Observed Molecular Weight:

311.38

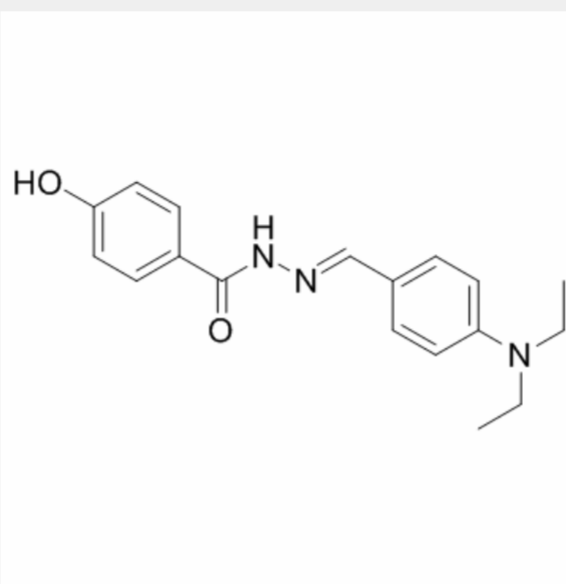
Product Description

DY131(GSK 9089) is a novel selective agonist of ERR β and ERR γ ; displays minimal activity at ERR α , ER α and ER β at concentrations up to 30 μ M.

IC50 value:

Target: ERR β / γ

DY131, a selective ERR γ agonist, could potentiate the ERR γ -induced growth inhibition in LNCaP- ERR γ and DU145- ERR γ cells in a dose-dependent manner compared with respective parental cells. DY131 inhibited the growth of the ER α -positive endometrial cancer cells but promoted that of the ER α -negative cancer cells. DY131 had no effect on the structurally related receptors ERR α or the estrogen receptors alpha and beta (ER α /beta). DY131 appears to inhibit Smo signaling through a common binding site shared by previously reported Smo agonists and antagonists.



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