Product Data Sheet

Product Name: (R)-RXFP2 agonist 2
Cat. No.: GC81855

Chemical Properties

Cas. No.	3123585-08-7		
Formula	$C_{29}H_{19}F_9IN_3O_5$	M.Wt	787.37
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

(R)-RXFP2 agonist 2 is the R-type isomer of RXFP2 agonist 2. RXFP2 agonist 2 is a selective, orally active and allosteric RXFP2 agonist with an EC 50 value of 0.38 μM. RXFP2 agonist 2 induces osteoblast mineralization. RXFP2 agonist 2 increases bone formation in female mice. RXFP2 agonist 2 has the potential for the research of osteoporosis [1].

References:

[1]. Esteban-Lopez M, et al. Discovery of small molecule agonists of the Relaxin Family Peptide Receptor 2. Commun Biol. 2022 Nov 4;5(1):1183.

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

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