PSB-1584

GPR84 agonist

GPR84 is an orphan G protein-coupled receptor that is activated by medium-chain fatty acids and hydroxyfatty acids although these may not be its endogenous agonist. It is highly expressed on immune cells and expression levels rise after exposure to inflammatory stimuli. Potent synthetic agonists enhance proinflammatory signaling and macrophage effector functions. PSB-1584 is a potent synthetic exogenous agonist at GPR84, which is selective against other free fatty acid receptors and is metabolically stable when incubated with human liver microsomes. An important new tool for studying the physiology of GPR84.

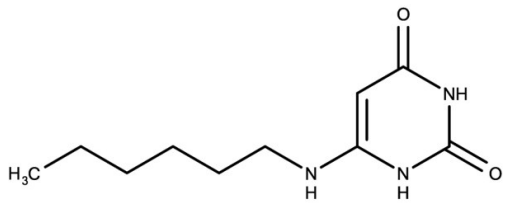
Ordering Information

Order Online »

ENZ-CHM479-0025	25mg

Manuals, SDS & CofA

View Online »


O
NH
H3C
N
H
N
H
O

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	6-hexylamino-2,4(1H,3H)-pyrimidinedione
Appearance	Off-white solid.
CAS	72255-76-6
Couple Target	GPR84
Couple Type	Activator
Formula	$C_{10}H_{17}N_3O_2$
Identity	Determined by NMR.
MW	211.26
Purity	≥98% (TLC)
Solubility	Soluble in DMSO (35 mg/ml).

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