



LKT Laboratories, Inc.

Rimonabant Hydrochloride

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID R3449

CAS No. 158681-13-1

Chemical Name

Synonym SR141716

Formula $C_{22}H_{21}Cl_3N_4O \cdot HCl$

Formula Wt. 500.25

Melting Point

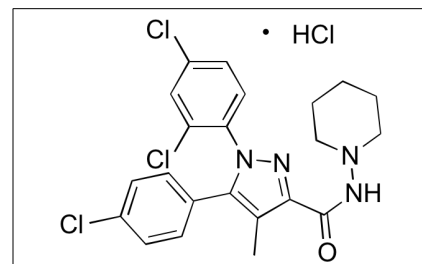
Purity $\geq 98\%$

Solubility Soluble in DMSO, and methanol. Poorly soluble in water.

Store Temp Ambient

Ship Temp Ambient

Description Rimonabant is an inverse agonist at CB1 receptor that was briefly explored as an anti-obesity treatment but has since been withdrawn due to concerns about inducing depressive states in subjects. In animal models, rimonabant decreases food intake. Rimonabant also inhibits binding of antagonists to δ -opioid receptors in vitro. In retinal pigment epithelial cells, rimonabant prevents oxidative injury in a PI3K/Akt-dependent manner. TEST!!!!!!



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
R3449	5 mg	\$66.90
R3449	25 mg	\$227.40
R3449	100 mg	\$501.80

References Buckley JL, Rasmussen EB. Rimonabant's reductive effects on high densities of food reinforcement, but not palatability, in lean and obese Zucker rats. *Psychopharmacology (Berl)*. 2014 May;231(10):2159-70. PMID: 24398820.

Zádor F, Kocsis D, Borsodi A, et al. Micromolar concentrations of rimonabant directly inhibits delta opioid receptor specific ligand binding and agonist-induced G-protein activity. *Neurochem Int*. 2014 Feb;67:14-22. PMID: 24508403.

Stuart SA, Butler P, Munafò MR, et al. A translational rodent assay of affective biases in depression and antidepressant therapy. *Neuropsychopharmacology*. 2013 Aug;38(9):1625-35. PMID: 23503126.

Wei Y, Wang X, Zhao F, et al. Cannabinoid receptor 1 blockade protects human retinal pigment epithelial cells from oxidative injury. *Mol Vis*. 2013;19:357-66. PMID: 23441106.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.