



LKT Laboratories, Inc.

Rolipram

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Product Information

Product ID R5745

CAS No. 61413-54-5

Chemical Name

Synonym ZK62711

Formula $C_{16}H_{21}NO_3$

Formula Wt. 275.35

Melting Point 128-129 °C

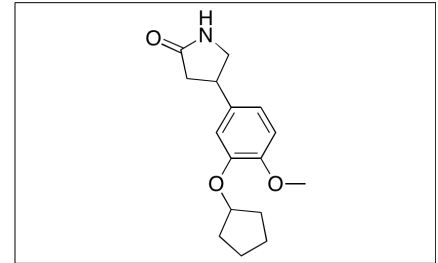
Purity ≥98%

Solubility Soluble in DMSO (warm 25mg/ml), ethanol (25 mg/ml warm).

Store Temp Ambient

Ship Temp Ambient

Description Rolipram is known to be an antidepressant and anxiolytic-like agent that has been found to stimulate angiogenesis and attenuate neuronal apoptosis in ischemic rats.



Bulk quantities available upon request

Product ID	Size
R5745	10 mg
R5745	25 mg
R5745	100 mg

References Hu S, Cao Q, Xu P, et al. Rolipram stimulates angiogenesis and attenuates neuronal apoptosis through the cAMP/cAMP-responsive element binding protein pathway following ischemic stroke in rats. *Exp Ther Med.* 2016 Mar; 11(3):1005-1010. PMID: 26998028.

Li YF, Huang Y, Amsdell S, et al. Antidepressant- and anxiolytic-like effects of the phosphodiesterase-4 inhibitor rolipram on behavior depend on cyclic AMP response element binding protein-mediated neurogenesis in the hippocampus. *Neuropsychopharmacology.* 2009 Oct; 34(11):2404-2419. PMID: 19516250.

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