



LKT Laboratories, Inc.

WS6

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Product Information

Product ID W7201

CAS No. 1421227-53-3

Chemical Name 4-[[6-[(Cyclopropylcarbonyl)amino]-4-pyrimidinyl]oxy]-N-[4-[(4-methyl-1-piperazinyl)methyl]-3-(trifluoromethyl)phenyl]-benzeneacetamide

Synonym

Formula C₂₉H₃₁F₃N₆O₃

Formula Wt. 568.60

Melting Point

Purity ≥98%

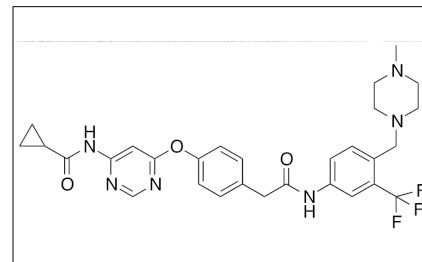
Solubility DMSO 100 mg/mL
Ethanol 100 mg/mL Water

Insoluble

Store Temp -20°C

Ship Temp Ambient

Description WS6 is an activator of islet B cell proliferation that also stimulates α cell proliferation. WS6 displays potential anti-diabetic activity, normalizing blood glucose levels.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
W7201	1 mg	\$43.70
W7201	5 mg	\$93.70
W7201	25 mg	\$281.30

References Boerner BP, George NM, Mir SU, et al. WS6 induces both alpha and beta cell proliferation without affecting differentiation or viability. *Endocr J.* 2015;62(4):379-86. PMID: 25739404.

Shen W, Tremblay MS, Deshmukh VA, et al. Small-molecule inducer of B cell proliferation identified by high-throughput screening. *J Am Chem Soc.* 2013 Feb 6;135(5):1669-72. Erratum in: *J Am Chem Soc.* 2013 Mar 20;135(11):4573. PMID: 23330637.

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