



LKT Laboratories, Inc.

AZD-3514

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Product Information

Product ID A9713

CAS No. 1240299-33-5

Chemical Name 1-[4-[2-(4-{1-[3-(Trifluoromethyl)-7,8-dihydro[1,2,4]triazolo[4,3-b]pyridazin-6-yl]-4-piperidinyloxy)ethyl]-1-piperazinyl]ethanone

Synonym AZD3514

Formula C₂₅H₃₂F₃N₇O₂

Formula Wt. 519.57

Melting Point

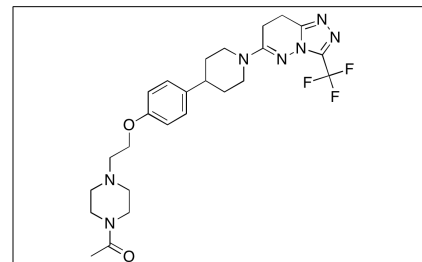
Purity ≥98%

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

Store Temp -20°C

Ship Temp Ambient

Description AZD-3514 is an anticancer chemotherapeutic that downregulates androgen receptor levels and inhibits nuclear translocation of androgen receptors. This compound exhibits efficacy in prostate cancer subjects in clinical settings. In vivo, AZD-3514 suppresses tumor growth. AZD-3514 also inhibits seminal vesicle development in juvenile animal models.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A9713	1 mg	\$100.00
A9713	5 mg	\$225.00
A9713	25 mg	\$850.00

References Omlin A, Jones RJ, van der Noll R, et al. AZD3514, an oral selective androgen receptor down-regulator in patients with castration-resistant prostate cancer - results of two parallel first-in-human phase I studies. Invest New Drugs. 2015 Jun;33(3):679-90. PMID: 25920479.

Loddick SA, Ross SJ, Thomason AG, et al. AZD3514: a small molecule that modulates androgen receptor signaling and function in vitro and in vivo. Mol Cancer Ther. 2013 Sep;12(9):1715-27. PMID: 23861347.

Bradbury RH, Acton DG, Broadbent NL, et al. Discovery of AZD3514, a small-molecule androgen receptor downregulator for treatment of advanced prostate cancer. Bioorg Med Chem Lett. 2013 Apr 1;23(7):1945-8. PMID: 23466225.

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