



Product Information

Product ID Y0002

CAS No. 288250-47-5

Chemical Name 1-(4-Chlorophenyl)-N-[3-cyano-4-[4-(4-morpholinyl)-1-piperidinyl]phenyl]-5-methyl-1H-pyrazole-4-carboxamide

Synonym Y320

Formula C₂₇H₂₉ClN₆O₂

Formula Wt. 505.02

Melting Point

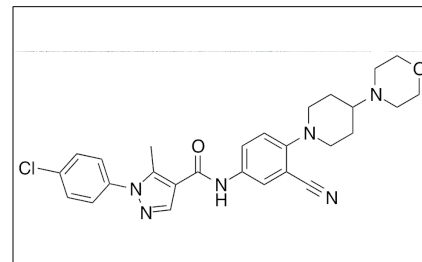
Purity ≥98%

Solubility DMSO 11 mg/mL (21.78 mM)
Water Insoluble
Ethanol Insoluble

Store Temp -20°C

Ship Temp Ambient

Description Y-320 is a phenylpyrazoleanilide that inhibits IL-17 production by CD4⁺ T cells, preventing the development and progression of arthritis in animal models. This compound displays immunomodulatory and anti-inflammatory activities.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
Y0002	1 mg	\$107.20
Y0002	5 mg	\$201.00
Y0002	10 mg	\$361.60
Y0002	25 mg	\$723.50

References Ushio H, Ishibuchi S, Oshita K, et al. A new phenylpyrazoleanilide, y-320, inhibits interleukin 17 production and ameliorates collagen-induced arthritis in mice and cynomolgus monkeys. *Pharmaceuticals (Basel)*. 2013 Dec 23;7(1):1-17. PMID: 24366113.

Chiba K. A new orally active anti-rheumatic drug targets IL-15 and IL-17. *Nihon Rinsho Meneki Gakkai Kaishi*. 2007 Oct;30(5):375-82. PMID: 17984577.

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