

AMG-47a

Cat. No. CEI-1083

Lot. No. (See product label)

Introduction

Description AMG-47a is an orally bioavailable potent inhibitor of Lck and T cell proliferation. It exhibits anti-inflammatory activity (ED50 11 mg/kg) in the anti-CD3 induced production of IL-2 in mice.

Synonyms RP4-675E8.4, LSK, YT16, p56lck, pp58lck

Product Information

CAS No. 882663-88-9

Molecular Formula C₂₉H₂₈F₃N₅O₂

Chemical Name 3-(2-(2-morpholinoethylamino)quinazolin-6-yl)-N-(3-(trifluoromethyl)phenyl)-4-methylbenzamide

Molecular Weight 535.56

Purity > 95%

Targets Lck

Solubility DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

Storage and Shipping Information

Storage -20 centigrade

Stability 2 years -20 centigrade Powder 1 month -4 centigrade in DMSO More than one month -80 centigrade in DMSO