

## 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