

## 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