

## LDK378

Cat. No. CEI-0836

Lot. No. (See product label)

### Introduction

#### Description

LDK378 is potent against ALK with IC<sub>50</sub> of 0.2 nM, selectivity against these off-targets is 80-, 70- and 230-fold, respectively. Phase 2.

### Product Information

**CAS No.** 1032900-25-6

**Molecular Formula** C<sub>28</sub>H<sub>36</sub>ClN<sub>5</sub>O<sub>3</sub>S

**Chemical Name** 2,4-Pyrimidinediamine, 5-chloro-N4-[2-[(1-methylethyl)sulfonyl]phenyl]-N2-[5-methyl-2-(1-methylethoxy)-4-(4-piperidiny)phenyl]-

**Molecular Weight** 558.14

**Targets** ALK

**IC<sub>50</sub>** 0.2 nM

**Solubility** DMSO 20 mg/mL; Water <1 mg/mL; Ethanol 3 mg/mL

### Storage and Shipping Information

**Storage** 2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.