

MK-5108 (VX-689)

Cat. No. CEI-0830

Lot. No. (See product label)

Introduction

Description MK-5108 (VX-689) is a highly selective Aurora A inhibitor with IC₅₀ of 0.064 nM and is 220- and 190-fold more selective for Aurora A than Aurora B/C, while it inhibits TrkA with less than 100-fold selectivity. Phase 1.

Product Information

CAS No. 1010085-13-8

Molecular Formula C₂₂H₂₁ClFN₃O₃S

Molecular Weight 461.94

Targets Aurora A

IC₅₀ 0.064 nM

Solubility DMSO 92 mg/mL; Water <1 mg/mL; Ethanol <1 mg/mL

Storage and Shipping Information

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