

R428(BGB324)

Cat. No. CEI-0837

Lot. No. (See product label)

Introduction

Description

R428 is an inhibitor of Axl with IC₅₀ of 14 nM, >100-fold selective for Axl versus Abl. Selectivity for Axl is also greater than Mer and Tyro3 (50-to-100- fold more selective) and InsR, EGFR, HER2, and PDGFR β (100- fold more selective).

Product Information

CAS No. 1037624-75-1

Molecular Formula C₃₀H₃₄N₈

Chemical Name 1H-1,2,4-Triazole-3,5-diamine, 1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-[(7S)-6,7,8,9-tetrahydro-7-(1-pyrrolidinyl)-5H-benzocyclohepten-2-yl]-

Molecular Weight 506.64

Targets Axl

IC₅₀ 14 nM

Solubility DMSO 60 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.