Creative Enzymes®

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. Selectivty for Axl is also greater than Mer and Tyro3 (50-to-100- fold more selective) and InsR, EGFR, HER2, and PDGFRβ (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.