Creative Enzymes®

Eltrombopag (SB-497115-GR)

Cat. No. CEI-0364

Lot. No. (See product label)

Introduction

Description	Eltrombopag (SB-497115-GR, Promacta, Revolade) is a small molecule agonist of the c-mpl (TpoR) receptor with an IC50 of 0.69 uM for the inhibition of hERG K+ channel tail current. In preclinical studies, the compound was shown to interact selectively with the thrombopoeitin receptor, leading to activation of the JAK-STAT signaling pathway and increased proliferation and differentiation of megakaryocytes. Animal studies confirmed that administration could increase platelet counts.
Synonyms	SB-497115-GR, Revolade, Promacta

Product Information

CAS No.	496775-61-2
Molecular Formula	C25H22N4O4
Chemical Name	3-[(5E)-5-[[2-(3, 4-dimethylphenyl)-5-methyl-3-oxo-1H-pyrazol-4-yl]hydrazinylidene]-6-oxocyclohexa-1,3-dien-1-yl]benzoic acid
Molecular Weight	442.47
Purity	>99%
Targets	thrombopoietin receptor

Storage and Shipping Information

Storage	2 years at -20centigrade Powder