

Enzastaurin

产品编号: D51358

CAS: 170364-57-5

分子式: C₃₂H₂₉N₅O₂

纯度: ≥98%

InChi: InChI=1S/C₃₂H₂₉N₅O₂/c1-35-19-25(23-9-2-4-11-27(23)35)29-30(32(39)34-31(29)38)26-20-37(28-12-5-3-10-24(26)28)22-13-16-36(17-14-22)18-21-8-6-7-15-33-21/h2-12,15,19-20,22H,13-14,16-18H₂,1H₃, (H,34,38,39)

InChi Key: AXRCEOKUDYDWLF-UHFFFAOYSA-N

Smiles: CN1C=C(C2=C(C3=CN(C4CCN(CC5C=CC=CN=5)CC4)C4=CC=CC=C34)C(=O)NC2=O)C2=CC=CC=C12

外观: 固体粉末

作用通路: Apoptosis

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: Enzastaurin, also known as DB-102 and LY317615, is a synthetic macrocyclic bisindolemaleimide with potential antineoplastic activity. Binding to the ATP-binding site, enzastaurin selectively inhibits protein kinase C beta, an enzyme involved in the induction of vascular endothelial growth factor (VEGF)-stimulated neo-angiogenesis. This agent may decrease tumor blood supply and so tumor burden.

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分子式: C₃₂H₂₉N₅O₂

分子量: 515.6

MDL: MFCD11040980

纯度: ≥99.5% (TLC)

外观: 浅橙色到深橙红色粉末

熔点: 249-261℃

沸点: 767.2℃ at 760mmHg

溶解性: 溶于DMSO (8.33 mg/mL)

作用靶点: Aurora Kinase; Autophagy;

作用通路: Cell Cycle/DNA Damage; Epigenetics; Autophagy;

产品描述: 恩扎妥林 (Enzastaurin, LY317615) 是一种有效的PKCβ选择性抑制剂, IC₅₀为6 nM, 比对PKCα, PKCγ和PKCε的作用强6到20倍。

