

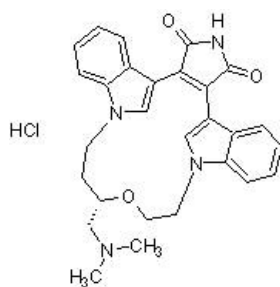
Product datasheet

LY-333531 hydrochloride, protein kinase C β inhibitor ab219866

1 References

Overview

Product name	LY-333531 hydrochloride, protein kinase C β inhibitor
Description	Potent, isozyme-selective protein kinase C β (PKC β) inhibitor
Biological description	Potent, isozyme-selective inhibitor of protein kinase C β (PKC β). Competitively inhibits PKC β I and PKC β II (IC ₅₀ values are 4.7 and 5.9 nM respectively). 76- and 61-fold selective for inhibition of PKC β I and PKC β II in comparison to PKC α , respectively. Exhibits selectivity for PKC over other ATP-dependent kinases, including protein kinase A, casein kinase and src).
Purity	> 98%
General notes	This product is manufactured by BioVision, an Abcam company and was previously called 2156 LY-333,531 hydrochloride. 2156-250 is the same size as the 250 μ g size of ab219866.
CAS Number	169939-93-9
Chemical structure	



Properties

Chemical name	(9S)-9-[(Dimethylamino)methyl]-6,7,10,11-tetrahydro-9H,18H-5,21:12,17-dimethenodibenzo[e,k]pyrrolo[3,4-h][1,4,13]oxadiazacyclohexadecine-18,20(19H)-dione hydrochloride
Molecular weight	505.01
Molecular formula	C ₂₈ H ₂₈ N ₄ O ₃ ·HCl
PubChem identifier	9870785
Storage instructions	Shipped at 4°C. Store at -20°C. Store under desiccating conditions.
Solubility overview	Soluble in DMSO to 20 mM

Handling

Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our **frequently asked questions (FAQ) page** for more details.

SMILES

CN(C)C[C@@H]1CCN2C=C(C3=CC=CC=C32)C4=C(C5=CN(CCO1)C6=CC=CC=C65)C(=O)NC4=O.Cl

Source

Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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