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DATASHEET

Ro 32-0432 hydrochloride

Product overview

Name	Ro 32-0432 hydrochloride
Cat No	HB4820
Biological action	Inhibitor
Purity	>98%
Description	Potent, selective PKC inhibitor. GRK inhibitor.

Biological Data

Biological description	Potent and selective protein kinase C (PKC) inhibitor ($IC_{50} = 21$ nM). Selective for PKC- α over PKC- β_1 , PKC- β_{II} , PKC- γ and PKC- ϵ (IC_{50} values are 9, 28, 31, 37 and 108 nM respectively). Also a GRK inhibitor (IC_{50} values are 29, 3.6 and 16 μ M respectively). Inhibits T cell proliferation, interleukin-2 (IL-2) secretion and IL-2 receptor expression. Cell permeable.
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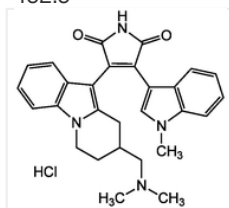
Solubility & Handling

Storage instructions	-20 °C
Solubility overview	Soluble in DMSO or methanol.
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Molecular Weight
Chemical structure

452.5



Molecular Formula	$C_{28}H_{28}N_4O_2 \cdot HCl$
CAS Number	145333-02-4
InChiKey	HSPRASOZRZDELU-UHFFFAOYSA-N