

Product datasheet

NS309, K⁺ channel activator ab120371

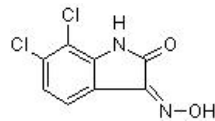
1 References 1 Image

Overview

Product name	NS309, K ⁺ channel activator
Description	Activates Ca ²⁺ -activated K ⁺ channels
Biological description	Potent activator of human Ca ²⁺ -activated K ⁺ channels of SK and IK types, selective over BK type channels (EC ₅₀ = 10 nM for increasing hIK current). At least 1000 times more potent than 1-EBIO (ab120258). Can be used in conjunction with CyPPA (ab120829) to distinguish SK1 and SK3 subtypes.

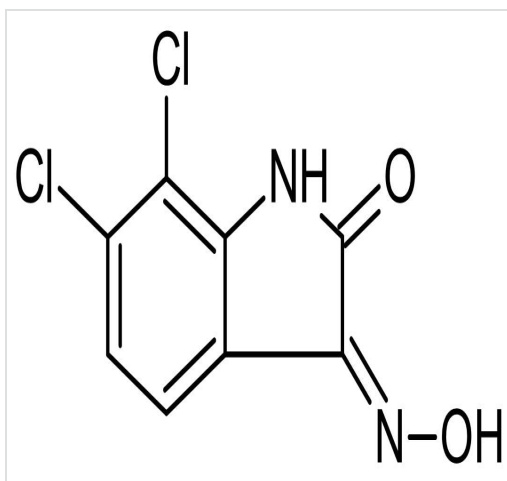
CAS Number 18711-16-5

Chemical structure



Properties

Chemical name	6,7-Dichloro-3-oxime-1H-indole-2,3-dione
Molecular weight	231.04
Molecular formula	C ₈ H ₄ Cl ₂ N ₂ O ₂
PubChem identifier	11637204
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 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	Clc2ccc1c(NC(=O)C1=NO)c2Cl
Source	Synthetic



2D chemical structure image of ab120371, NS309, K⁺ channel activator

Chemical Structure - NS309, K⁺ channel activator
(ab120371)

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

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