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DATASHEET

PD 150,606

Product overview

Name PD 150.606 Cat No HB4018 >98% **Purity**

Description Selective, cell permeable calpain inhibitor

Biological Data

Biological description Selective, cell permeable calpain inhibitor. Interacts with calcium-binding domain of calpain. Also

shows activity at $Ca2_+$ -permeable AMPA receptors. Apoptosis inhibitor and autophagy inducer. Shows

neuroprotective effects.

Solubility & Handling

+4°C Storage instructions

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

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 306.1

Chemical structure Molecular Formula $C_9H_7IO_2S$

CAS Number 426821-41-2 **PubChem identifier** 9839500

 $IC1 = CC = C(/C = C(C(O) = O) \setminus S)C = C1$ **SMILES** DJCVSFWGKYHMKH-YVMONPNESA-N InChiKey

Off-white solid **Appearance**