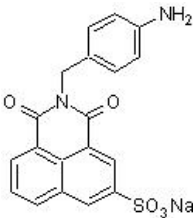


Pitstop® 1, Novel clathrin inhibitor ab120685

3 References [画像数 1](#)

製品の概要

製品名	Pitstop® 1, Novel clathrin inhibitor
製品の詳細	Novel, selective clathrin inhibitor
生理活性の詳細	Novel, selective clathrin inhibitor. Competitively inhibits clathrin terminal domain (TD) to selectively inhibit clathrin mediated endocytosis ($IC_{50} = \sim 18 \mu M$ for inhibition of amphiphysin association of clathrin TD). Interferes with receptor mediated endocytosis, entry of HIV and synaptic vesicle recycling. Exhibits limited cell membrane penetration, however it is active in cells after microinjection.
特記事項	Sold under exclusive licence from Children's Medical Research Institute and Newcastle Innovation Ltd. Pitstop® is a trademark of Freie Universitat Berlin, Newcastle Innovation Ltd. and Children's Medical Research Institute
CAS 番号	1332879-51-2
構造式	

製品の特性

体系名	2-(4-Aminobenzyl)-1,3-dioxo-2,3-dihydro-1H-benzo[de]isoquinoline-5-sulfonic acid sodium salt
分子量	404.37
分子式	$C_{19}H_{13}N_2NaO_5S$
PubChem 登録番号	71483522
保存方法	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in water to 25 mM and in DMSO to 100 mM
使用に関する注意	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.

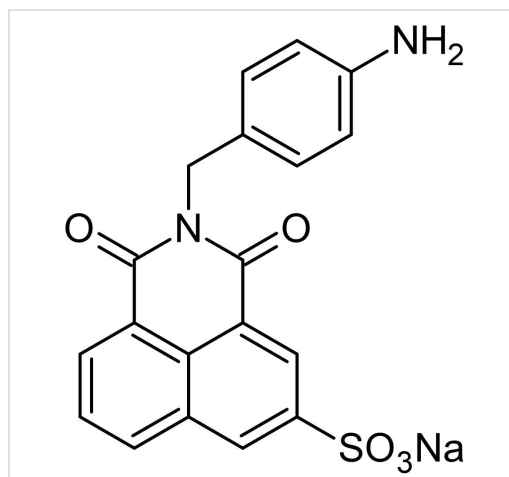
SMILES 線形表記

C1=CC2=CC(=CC3=C2C(=C1)C(=O)N(C3=O)CC4=CC=C(C=C4)N)S(=O)(=O)[O-].[Na+]

由来

Synthetic

画像



2D chemical structure image of ab120685, Pitstop® 1, Novel clathrin inhibitor

Chemical Structure - Pitstop® 1, Novel clathrin inhibitor (ab120685)

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

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