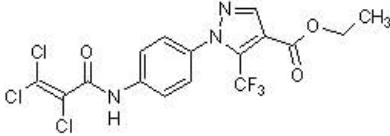


Pyr3, TRPC3 channel blocker ab144585

[1 References](#) [1 Image](#)

Overview

Product name	Pyr3, TRPC3 channel blocker
Description	Selective TRPC3 channel blocker
Biological description	Selective TRPC3 channel blocker ($IC_{50} = 0.7 \mu M$, Ca^{2+} influx). Diminishes depolarization in the immature cortex. Blunts BDNF secretion and shows anti-inflammatory effects. Shows neuroprotective effects <i>in vivo</i> .
Purity	> 98%
CAS Number	1160514-60-2
Chemical structure	

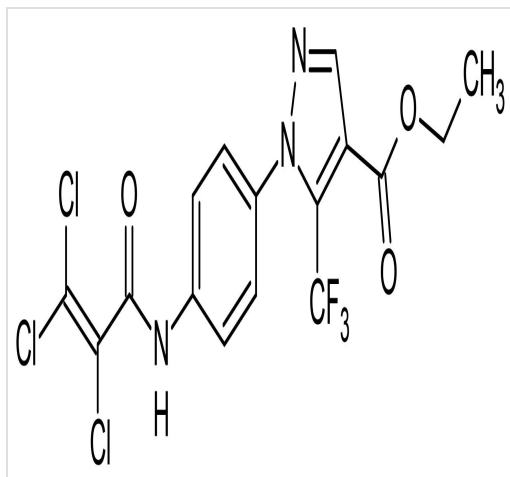
Properties

Chemical name	1-[4-[(2,3,3-Trichloro-1-oxo-2-propen-1-yl)amino]phenyl]-5-(trifluoromethyl)-1H-pyrazole-4-carboxylic acid
Molecular weight	456.64
Molecular formula	$C_{16}H_{11}Cl_3F_3N_3O_3$
PubChem identifier	56964346
Storage instructions	Store at $-20^{\circ}C$. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 75 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 $-20^{\circ}C$. 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	<chem>CCOC(=O)C1=C(N(N=C1)C2=CC=C(C=C2)NC(=O)C=C(Cl)Cl)C(F)(F)F</chem>

Source

Synthetic

Images



2D chemical structure image of ab144585, Pyr3, TRPC3 channel blocker

Chemical Structure - Pyr3, TRPC3 channel blocker
(ab144585)

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