abcam

Product datasheet

AG-370, PDGFR tyrosine kinase inhibitor ab141563

1 Image

Overview

Product name AG-370, PDGFR tyrosine kinase inhibitor

Description Selective PDGFR tyrosine kinase inhibitor

Biological description Selective platelet-derived growth factor receptor (PDGFR) kinase inhibitor (IC₅₀ = $20 \mu M$). Weak

epidermal growth factor receptor (EGFR) inhibitor (IC $_{50}$ = 820 μ M). Blocks proliferative effect of

PDGF.

Purity > 99%

CAS Number 134036-53-6

Chemical structure

Properties

Chemical name (3Z)-2-Amino-4-(1*H*-indol-5-yl)buta-1,3-diene-1,1,3-tricarbonitrile

Molecular weight259.30Molecular formula $C_{15}H_9N_5$ PubChem identifier5328748

Storage instructions Store at -20°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°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.

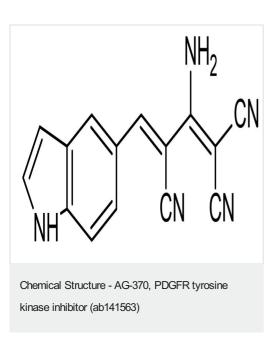
Need more advice on solubility, usage and handling? Please visit our frequently asked

questions (FAQ) page for more details.

Source Synthetic

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Images



2D chemical structure image of ab141563, AG-370, PDGFR tyrosine kinase inhibitor

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

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- · Response to your inquiry within 24 hours
- · We provide support in Chinese, English, French, German, Japanese and Spanish
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- · We investigate all quality concerns to ensure our products perform to the highest standards

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