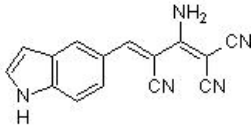


Product datasheet

AG-370, PDGFR tyrosine kinase inhibitor ab141563

1 Image

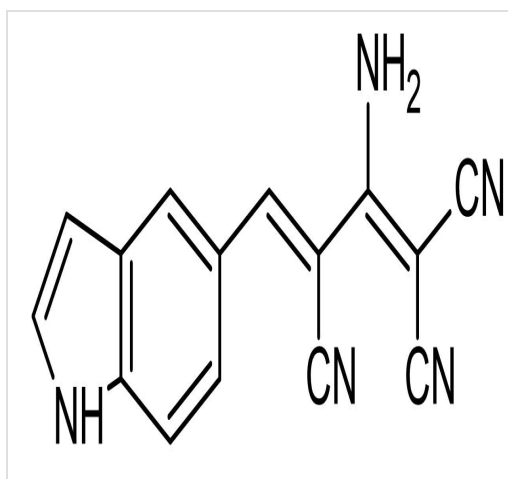
Overview

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 (IC ₅₀ = 20 μM). Weak epidermal growth factor receptor (EGFR) inhibitor (IC ₅₀ = 820 μM). Blocks proliferative effect of PDGF.
Purity	> 99%
CAS Number	134036-53-6
Chemical structure	

Properties

Chemical name	(3Z)-2-Amino-4-(1H-indol-5-yl)buta-1,3-diene-1,1,3-tricarbonitrile
Molecular weight	259.30
Molecular formula	C ₁₅ H ₉ N ₅
PubChem identifier	5328748
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	<p>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.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	C1=CC2=C(C#N2)C=C1C=C(C#N)C(=C(C#N)C#N)N
Source	Synthetic

Images



Chemical Structure - AG-370, PDGFR tyrosine kinase inhibitor (ab141563)

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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