AG-370

PDGF receptor inhibitor

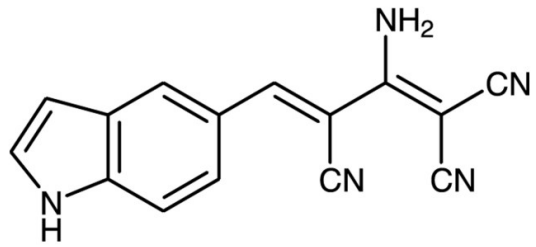
Member of the tyrphostin family of tyrosine kinase inhibitors. Selective inhibitor of the PDGF receptor kinase (IC_{50}=20μM) *vs.* the EGF receptor kinase (IC_{50}=820μM). Inhibits PDGF-induced mitogenesis in human bone marrow fibroblasts.

Citations: 2 View Online »

Ordering Information Order Online »

BML-EI229-0002	2mg

Manuals, SDS & CofA View Online »

NH2 CN CN CN N H	

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored at -20°C. Stock solutions are stable for up to 3 months at -20°C.
Handling	Store tightly sealed in the dark. Protect from light.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Tyrphostin AG 370, Tyrphostin B7, 2-Amino-4-(1H-indol-5-yl)-1,1,3-tricyanobuta-1,3-diene
Appearance	Yellow solid.
CAS	134036-53-6
Couple Target	PDGF receptor
Couple Type	Inhibitor
Formula	$C_{15}H_9N_5$
MW	287.3
MeltingPoint	300-302°C
Purity	≥99% (TLC)
Solubility	Soluble in DMSO (25mg/ml) or 100% ethanol (2mg/ml, warm).

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