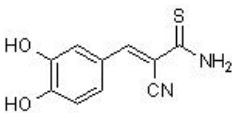


Product datasheet

Tyrphostin 47, EGFR tyrosine kinase inhibitor ab141558

1 Image

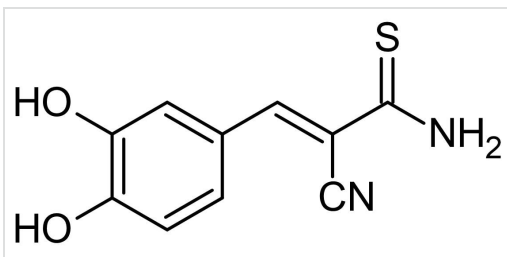
Overview

<b>Product name</b>	Tyrphostin 47, EGFR tyrosine kinase inhibitor
<b>Description</b>	EGFR tyrosine kinase inhibitor
<b>Biological description</b>	Epidermal growth factor receptor (EGFR) tyrosine kinase inhibitor (IC <sub>50</sub> = 2.4 μM). Also inhibits platelet-derived growth factor (PDGF) receptor tyrosine kinase.
<b>Purity</b>	> 99%
<b>CAS Number</b>	122520-86-9
<b>Chemical structure</b>	

Properties

<b>Chemical name</b>	2-Cyano-3-(3,4-dihydroxyphenyl)-2 <i>E</i> -propenethioamide
<b>Molecular weight</b>	220.20
<b>Molecular formula</b>	C <sub>10</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub> S
<b>PubChem identifier</b>	5328803
<b>Storage instructions</b>	Store at Room Temperature. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO to 75 mM and in ethanol to 75 mM
<b>Handling</b>	<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 <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>SMILES</b>	<chem>Oc1ccc(\C=C(/C#N)C(N)=S)cc1O</chem>
<b>Source</b>	Synthetic

Images



Chemical Structure - Tyrphostin 47, EGFR tyrosine kinase inhibitor (ab141558)

2D chemical structure image of ab141558, Tyrphostin 47, EGFR 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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