



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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AG 1517

EGFR kinase inhibitor  
Catalog No. SIH-427



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

AG 1517

### Description

EGFR kinase inhibitor

### Purity

>98% (TLC)

### CAS No.

153436-54-5

### Molecular Formula

C<sub>11</sub>H<sub>11</sub>BrN<sub>3</sub>O

### Molecular Weight

360.2

## Properties

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### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Inhibitor

### Solubility

Soluble in DMSO

### Source

Synthetic

### Appearance

White to off-white solid

### SMILES

COC1=C(C=C2C(=C1)C(=NC=N2)NC3=CC(=CC=C3)Br)OC.Cl

### InChi

InChi=1S/C<sub>16</sub>H<sub>14</sub>BrN<sub>3</sub>O<sub>2</sub>/c1-21-14-7-12-13(8-15(14)22-2)18-9-19-16(12)20-11-5-3-4-10(17)6-11/h3-9H,1-2H3,(H,18,19,20)

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## InChIKey

LSPANGZZENHZNJ-UHFFFAOYSA-N

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## Safety Phrases

Classification:

Acute toxicity, Oral (Category 3)

Skin irritation (Category 2)

Serious eye damage (Category 1)

Specific target organ toxicity-single exposure (Category 3)

Safety Phrases:

S22 - Do not breathe dust.

S24/25 - Avoid contact with skin and eyes.

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

Hazard statements:

H301 Toxic if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation

Precautionary statements:

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P280 Wear protective gloves/ eye protection/ face protection.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

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## Cite This Product

AG 1517 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-427)

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## Biological Description

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### Alternative Names

4-[(3-Bromophenyl)amino]-6,7-dimethoxyquinazoline hydrochloride, AG 1517, PD 153035, SU 5271, ZM 252868, PD 153,035, SU 5271, 4-(3-Bromoanilino)-6,7-dimethoxyquinazoline

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### Research Areas

Cancer, Apoptosis, Cancer Growth Inhibitors, Cell Signaling, Tyrosine Kinase Inhibitors

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### PubChem ID

4705

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### Scientific Background

AG 1517 is a potent and selective ATP competitive inhibitor of the epidermal growth factor receptor tyrosine kinase EGFR.

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### References

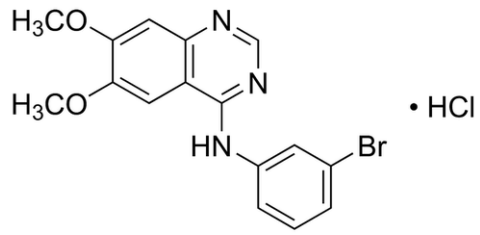
1. Kunkel M.W., et al. (1996) Investigational New Drugs. 13(4): 295302.

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## Product Images

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Chemical structure of AG 1517 (SIH-427), a EGFR tyrosine kinase inhibitor. CAS #: 153436-54-5. Molecular Formula: C<sub>16</sub>H<sub>14</sub>BrN<sub>3</sub>O<sub>2</sub>. Molecular Weight: 360.2 g/mol.



## Product Citations (0)

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Currently there are no citations for this product.

## Reviews

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There are no reviews yet.