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## 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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# Erlotinib Hydrochloride

EGFR Kinase inhibitor  
Catalog No. SIH-444



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

Erlotinib Hydrochloride

### Description

EGFR Kinase inhibitor

### Purity

>99%

### CAS No.

183319-69-9

### Molecular Formula

C<sub>11</sub>H<sub>11</sub>ClN<sub>2</sub>O<sub>2</sub>

### Molecular Weight

429.9

## Properties

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### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Inhibitor

### Solubility

Soluble in DMSO at 18 mg/ml with warming; very poorly soluble in ethanol; very poorly soluble in water; maximum solubility in plain water is estimated to be about 5-20 µM; buffers, serum, or other additives may increase or decrease the aqueous solubility

### Source

Synthetic

### Appearance

Solid powder

### SMILES

[H+].C1=C(OCCOC)C(=CC2=NC=NC(=C12)NC3=CC(=CC=C3)C#C)OCCOC.[Cl-]

### InChI

InChI=1S/C22H23N3O4.ClH/c1-4-16-6-5-7-17(12-16)25-22-18-13-20(28-10-8-26-2)21(29-11-9-27-3)14-19(18)23-15-24-22;/h1,5-7,12-15H,8-11H2,2-3H3,(H,23,24,25);1H

### InChIKey

GTTBEUCJPZQMDZ-UHFFFAOYSA-N

### Safety Phrases

Classification:

Not a hazardous substance or mixture.

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.

### Cite This Product

Erlotinib Hydrochloride (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-444)

## Biological Description

### Alternative Names

N-(3-ethynylphenyl)-6,7-bis(2-methoxyethoxy)quinazolin-4-amine hydrochloride

### Research Areas

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

### PubChem ID

176871

### Scientific Background

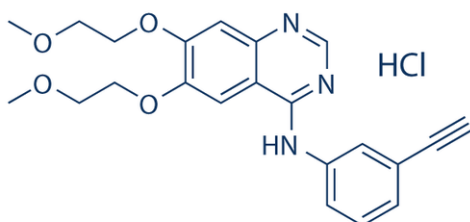
Erlotinib Hydrochloride inhibits the human epidermal growth factor receptor (HER-1/EGFR) tyrosine kinase.

### References

1. Ali S., et al. (2008) Mol. Cancer Ther. 7(6): 17081719.

## Product Images

Chemical structure of Erlotinib Hydrochloride (SIH-444), a EGFR Kinase inhibitor. CAS #: 183319-69-9. Molecular Formula: C<sub>22</sub>H<sub>24</sub>ClN<sub>3</sub>O<sub>4</sub>. Molecular Weight: 429.9 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.