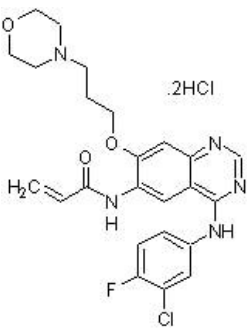


Product datasheet

Canertinib (CI-1033), EGFR and HER2/ErbB2 tyrosine kinase inhibitor ab141402

[1 Image](#)

Overview

Product name	Canertinib (CI-1033), EGFR and HER2/ErbB2 tyrosine kinase inhibitor
Description	Potent irreversible EGFR and HER2/ErbB2 tyrosine kinase inhibitor
Purity	> 99%
General notes	This product is manufactured by BioVision, an Abcam company and was previously called 1617 Canertinib (CI-1033, PD-183805). 1617-50 is the same size as the 50 mg size of ab141402.
CAS Number	289499-45-2
Chemical structure	

Properties

Chemical name	<i>N</i> -[4-(3-Chloro-4-fluoroanilino)-7-(3-morpholin-4-ylpropoxy)quinazolin-6-yl]prop-2-enamide dihydrochloride
Molecular weight	558.86
Molecular formula	C ₂₄ H ₂₅ ClFN ₅ O ₃ ·2HCl
PubChem identifier	156413
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 100 mM
Handling	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.

Refer to SDS for further information

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

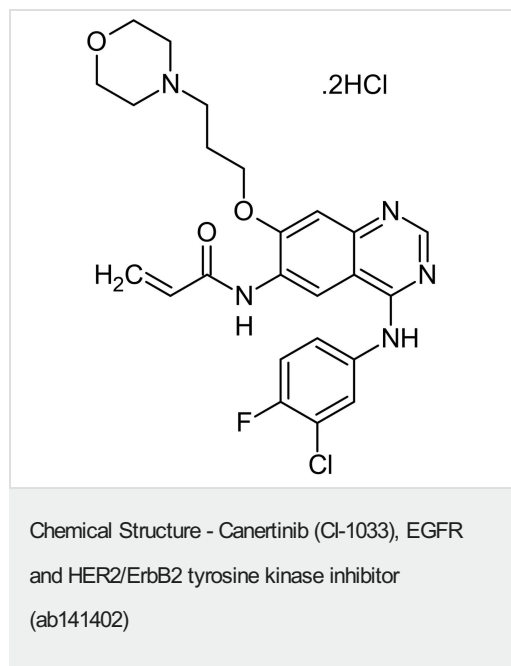
SMILES

C=CC(=O)NC1=C(C=C2C(=C1)C(=NC=N2)NC3=CC(=C(C=C3)F)Cl)OCCCN4CCOCC4.Cl.Cl

Source

Synthetic

Images



2D chemical structure image of ab141402, Canertinib (CI-1033), EGFR and HER2/ErbB2 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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