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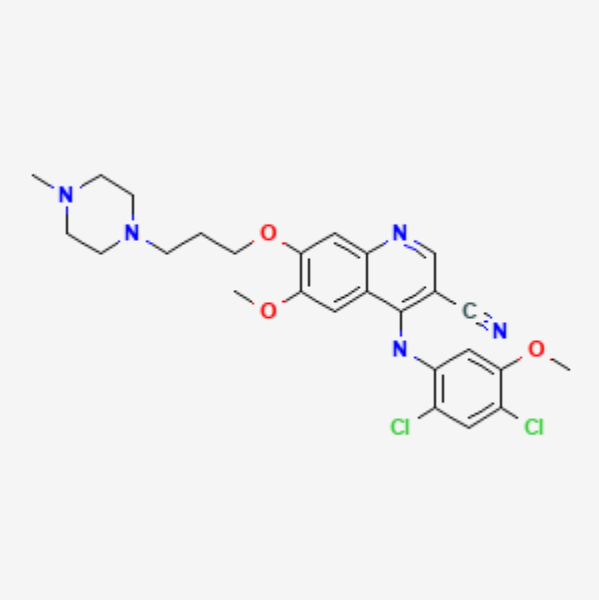
Bosutinib

Revised: August 16, 2021.

CASRN: 380843-75-4



Drug Levels and Effects

Summary of Use during Lactation

No information is available on the clinical use of bosutinib during breastfeeding. Because bosutinib is 96% bound to plasma proteins, the amount in milk is likely to be low. However, its half-life is about 22 hours and it might accumulate in the infant. National Comprehensive Cancer Network guidelines recommend avoiding breastfeeding during bosutinib therapy and the manufacturer recommends withholding breastfeeding until 2 weeks following the last dose.[1]

Drug Levels

Maternal Levels. Relevant published information was not found as of the revision date.

Infant Levels. Relevant published information was not found as of the revision date.

Effects in Breastfed Infants

Relevant published information was not found as of the revision date.

Effects on Lactation and Breastmilk

Relevant published information was not found as of the revision date.

Alternate Drugs to Consider

Imatinib

References

1. Deininger MW, Shah NP, Altman JK, et al. Chronic myeloid leukemia, Version 2.2021, NCCN clinical practice guidelines in oncology. J Natl Compr Canc Netw. 2020;18:1385–415. PubMed PMID: 33022644.

Substance Identification

Substance Name

Bosutinib

CAS Registry Number

380843-75-4

Drug Class

Breast Feeding

Lactation

Antineoplastic Agents

Enzyme Inhibitors

Protein Kinase Inhibitors

Signal Transduction Inhibitors

Tyrosine Kinase Inhibitors