

## Emetic Risk of Single Oral Agents in Adults

This table is a list of oral agents in the CCO Drug Formulary and their emetogenic classification.

The emetic risk categories listed are based on low quality evidence. Consider routine prophylaxis for moderate to high emetogenic regimens and re-assess routinely.

Drug Name	Emetic Risk Category
Afatinib	Minimal - No routine prophylaxis; PRN recommended
Alectinib	Low - No routine prophylaxis; PRN recommended
Axitinib	Minimal - No routine prophylaxis; PRN recommended
Bosutinib	Minimal - No routine prophylaxis; PRN recommended
Brigatinib	Minimal - No routine prophylaxis; PRN recommended
Busulfan	< 4 mg /day: Minimal - No routine prophylaxis; PRN recommended ≥ 4 mg /day: Moderate - Consider prophylaxis daily
Cabozantinib	Low - No routine prophylaxis; PRN recommended
Capecitabine	Low - No routine prophylaxis; PRN recommended
Ceritinib	Moderate - Consider prophylaxis daily
Chlorambucil	Minimal - No routine prophylaxis; PRN recommended
Cobimetinib	Minimal - No routine prophylaxis; PRN recommended
Crizotinib	Moderate - Consider prophylaxis daily
Cyclophosphamide	≥ 100 mg /m <sup>2</sup> /day: Moderate - Consider prophylaxis daily < 100 mg /m <sup>2</sup> /day: Low - No routine prophylaxis; PRN recommended
Dabrafenib	Minimal - No routine prophylaxis; PRN recommended
Dasatinib	Minimal - No routine prophylaxis; PRN recommended
Erlotinib	Minimal - No routine prophylaxis; PRN recommended
Etoposide	Low - No routine prophylaxis; PRN recommended
Fludarabine	Low - No routine prophylaxis; PRN recommended
Gefitinib	Minimal - No routine prophylaxis; PRN recommended
Hydroxyurea	Minimal - No routine prophylaxis; PRN recommended
Ibrutinib	Minimal - No routine prophylaxis; PRN recommended
Idelalisib	Minimal - No routine prophylaxis; PRN recommended
Imatinib	Minimal - No routine prophylaxis; PRN recommended
Ixazomib	Low - No routine prophylaxis; PRN recommended
Lapatinib	Minimal - No routine prophylaxis; PRN recommended
Lenalidomide	Minimal - No routine prophylaxis; PRN recommended
Lenvatinib	Moderate - Consider prophylaxis daily
Lomustine	Moderate - Consider prophylaxis daily
Melphalan	Minimal - No routine prophylaxis; PRN recommended
Mercaptopurine	Minimal - No routine prophylaxis; PRN recommended

The agents listed in this table are based on the CCO Drug Formulary as at February 2019, and may not be inclusive of all agents. Refer to the Drug Formulary website for the most up-to-date information on individual agents, to find the latest CCO Antiemetic Recommendations, and for more information on emetic risk of multi-drug combinations. The contents of this document are not a substitute for the advice of a qualified health professional. Any person consulting it is expected to use independent qualified clinical judgment and skills, or seek out the advice of a qualified health professional before applying any information contained herein. Cancer Care Ontario does not make any representation or warranty as to the accuracy, reliability, completeness or fitness for a particular purpose of the information in this document, and disclaims all liability for the use of this document, and for any claims, actions, demands or suits that arise from such use.

Drug Name	Emetic Risk Category
Methotrexate	Minimal - No routine prophylaxis; PRN recommended
Midostaurin	Low - No routine prophylaxis; PRN recommended
Mitotane	Moderate - Consider prophylaxis daily
Nilotinib	Minimal - No routine prophylaxis; PRN recommended
Olaparib	Low - No routine prophylaxis; PRN recommended
Osimertinib	Minimal - No routine prophylaxis; PRN recommended
Palbociclib	Minimal - No routine prophylaxis; PRN recommended
Pazopanib	Minimal - No routine prophylaxis; PRN recommended
Pomalidomide	Minimal - No routine prophylaxis; PRN recommended
Ponatinib	Minimal - No routine prophylaxis; PRN recommended
Procarbazine	High - Consider prophylaxis daily
Regorafenib	Minimal - No routine prophylaxis; PRN recommended
Ribociclib	Minimal - No routine prophylaxis; PRN recommended
Ruxolitinib	Minimal - No routine prophylaxis; PRN recommended
Sorafenib	Minimal - No routine prophylaxis; PRN recommended
Sunitinib	Minimal - No routine prophylaxis; PRN recommended
Temozolomide	> 75 mg /m <sup>2</sup> /day: Moderate - Consider prophylaxis daily ≤75 mg /m <sup>2</sup> /day + concurrent RT: Moderate - Consider prophylaxis daily ≤75 mg /m <sup>2</sup> /day: Low - No routine prophylaxis; PRN recommended
Thalidomide	Minimal - No routine prophylaxis; PRN recommended
Thioguanine	Minimal - No routine prophylaxis; PRN recommended
Trametinib	Minimal - No routine prophylaxis; PRN recommended
Tretinoin	Minimal - No routine prophylaxis; PRN recommended
Trifluridine/tipiracil	Low - No routine prophylaxis; PRN recommended
Vandetanib	Minimal - No routine prophylaxis; PRN recommended
Vemurafenib	Minimal - No routine prophylaxis; PRN recommended
Venetoclax	Low - No routine prophylaxis; PRN recommended
Vismodegib	Minimal - No routine prophylaxis; PRN recommended
Vorinostat	Minimal - No routine prophylaxis; PRN recommended

RT = Radiotherapy