

Descovy[®] (FTC/TAF)

Coadministration with Oxcarbazepine

This document is in response to your request for information regarding Descovy[®] (emtricitabine/tenofovir alafenamide [FTC/TAF]) and coadministration with oxcarbazepine .

Some data may be outside of the US FDA-approved Prescribing Information. In providing this data, Gilead Sciences, Inc. is not making any representation as to its clinical relevance or to the use of any Gilead product(s). For information about the approved conditions of use of any Gilead drug product, please consult the FDA approved prescribing information.

The full indication, important safety information, and boxed warnings are available at: www.gilead.com/-/media/files/pdfs/medicines/hiv/descovy/descovy_pi.

PK DDI Evaluation

Based on the PK profile of each active ingredient within FTC/TAF and oxcarbazepine, a PK interaction would be predicted.^{1,2} Coadministration of FTC/TAF and oxcarbazepine is expected to decrease the concentration of TAF. Consider an alternative anticonvulsant.¹ For more information about oxcarbazepine, please refer to its product labeling.²

FTC/TAF PK¹

DDI Mechanism		FTC	TAF
Drug Transporters	P-gp/BCRP	N/A	Substrate
	OATP1B1	N/A	Substrate
	OATP1B3	N/A	Substrate
Drug Metabolizing Enzymes	CYP3A	N/A	Minor Substrate

Relevant FTC/TAF Label Information¹

Per the FTC/TAF US Prescribing Information, oxcarbazepine and FTC/TAF coadministration is expected to decrease the concentrations of TAF. Coadministration with alternative anticonvulsants should be considered.

Available Data

There are no Gilead studies evaluating the coadministration of FTC/TAF and oxcarbazepine.

Additionally, a literature search was conducted in Ovid MEDLINE and Embase databases for studies published between 1946 and January 9, 2025 using search terms that included Descovy, emtricitabine, tenofovir alafenamide, oxcarbazepine, and related search terms. No relevant citations were found.

References

1. Enclosed. Gilead Sciences Inc, DESCOVY® (emtricitabine and tenofovir alafenamide) tablets, for oral use. U.S. Prescribing Information. Foster City, CA.
 2. Novartis Pharmaceuticals Corporation. TRILEPTAL® (oxcarbazepine) film-coated tablets, for oral use. TRILEPTAL® (oxcarbazepine) oral suspension. U.S. Prescribing Information. East Hanover, NJ..
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Abbreviations

BCRP=breast cancer
resistance protein
DDI=drug-drug interaction

FTC=emtricitabine
OATP=organic anion
transporting polypeptide
P-gp=P-glycoprotein

PK=pharmacokinetic(s)
TAF=tenofovir alafenamide

Product Label

For the full indication, important safety information, and boxed warning(s), please refer to the Descovy US Prescribing Information available at:

www.gilead.com/-/media/files/pdfs/medicines/hiv/descovy/descovy_pi.

Follow-Up

For any additional questions, please contact Gilead Medical Information at:

☎ 1-866-MEDI-GSI (1-866-633-4474) or 🌐 www.askgileadmedical.com

Adverse Event Reporting

Please report all adverse events to:

Gilead Global Patient Safety ☎ 1-800-445-3235, option 3 or

🌐 www.gilead.com/utility/contact/report-an-adverse-event

FDA MedWatch Program by ☎ 1-800-FDA-1088 or ✉ MedWatch, FDA, 5600 Fishers Ln, Rockville, MD 20852 or 🌐 www.accessdata.fda.gov/scripts/medwatch

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