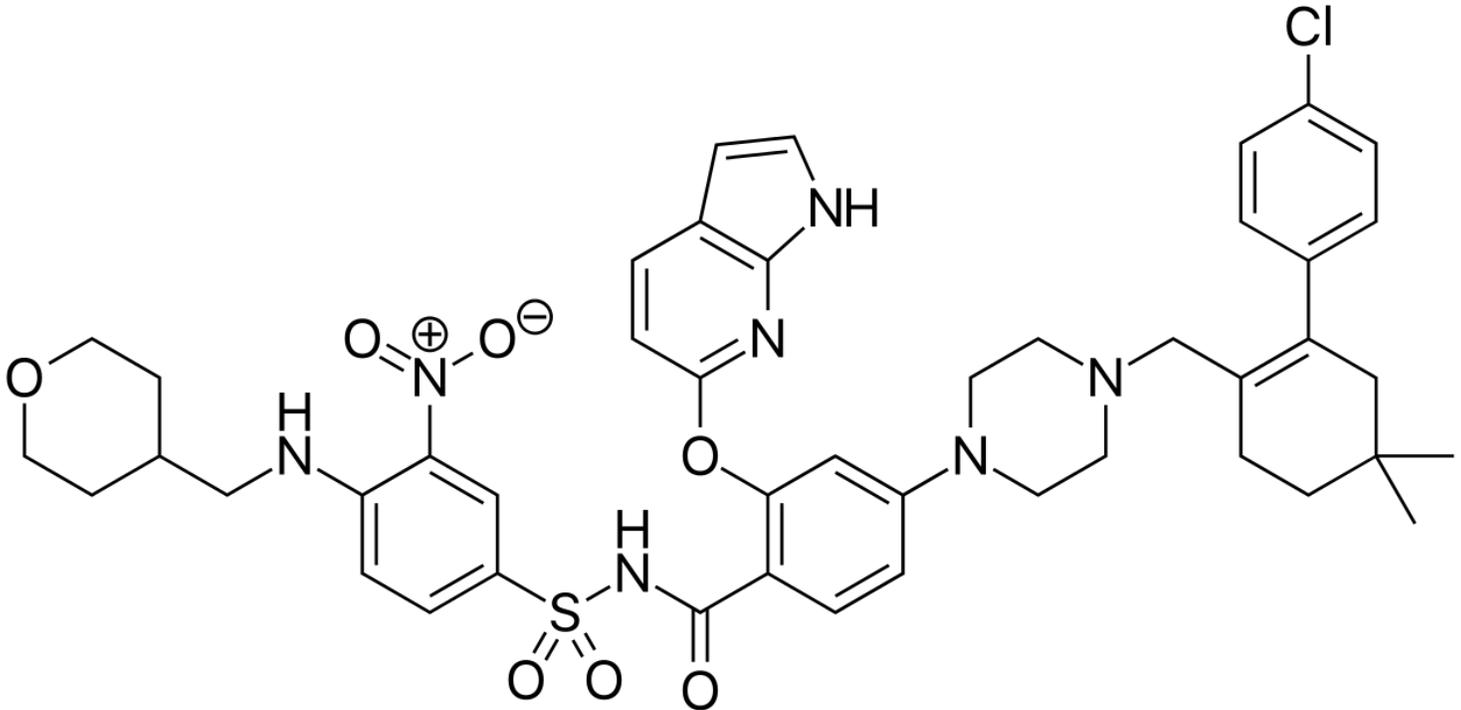


# Venetoclax

Printed from <https://www.cancerquest.org/node/6375> on 05/16/2026



Brand name: Venclexta

IUPAC: 4-[4-[[2-(4-chlorophenyl)-4,4-dimethylcyclohexen-1-yl]methyl]piperazin-1-yl]-N-[3-nitro-4-(oxan-4-ylmethylamino)phenyl]sulfonyl-2-(1H-pyrrolo[2,3-b]pyridin-5-yloxy)benzamide

FDA approval: Yes

[Manufacturer Link](#)

Usage:

Venetoclax is used in the treatment of chronic lymphocytic leukemia and is administered via an oral tablet.<sup>1</sup>

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<sup>1</sup> Example of VENCLEXTA™ outpatient prophylaxis and monitoring schedule1 (low or medium tumor burden). (n.d.). Retrieved July 05, 2017, from <https://www.venclextahcp.com/>

Mechanism:

Venetoclax works by targeting the BCL-2 gene, which is responsible for the inhibition of apoptosis. In addition, the BCL-2 gene is often associated with a Leukemia cell's resistance to chemotherapy. Venetoclax looks to bring on apoptosis of cancerous cells by mitigating the effect of this BCL-2 gene.<sup>1</sup>

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<sup>1</sup> VENCLEXTA™: MOA. (n.d.). Retrieved July 05, 2017, from [https://www.venclextahcp.com/moa.html?cid=gdc\\_PS\\_MBVNCL0009\\_2&c=MBVNCL0009&gclid=Cj0KEQjwnPLKBRc-j7nt1b7OlZwBEiQAv8IMLKhrTdXKptc\\_y4I7UQ1hbxKe7iSsw\\_3kIPE9HJXFK40aApMI8P8HAQ](https://www.venclextahcp.com/moa.html?cid=gdc_PS_MBVNCL0009_2&c=MBVNCL0009&gclid=Cj0KEQjwnPLKBRc-j7nt1b7OlZwBEiQAv8IMLKhrTdXKptc_y4I7UQ1hbxKe7iSsw_3kIPE9HJXFK40aApMI8P8HAQ)

Side effects:

Common side effects in the use of Venetoclax include neutropenia, nausea, upper respiratory issues and fatigue.<sup>1</sup>

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<sup>1</sup> Example of VENCLEXTA™ outpatient prophylaxis and monitoring schedule1 (low or medium tumor burden). (n.d.). Retrieved July 05, 2017, from <https://www.venclextahcp.com/>

Contraindications:

Use of Venetoclax in conjunction with a CYP3A inhibitors can cause adverse response and reactions.<sup>1</sup>

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<sup>1</sup> Example of VENCLEXTA™ outpatient prophylaxis and monitoring schedule1 (low or medium tumor burden). (n.d.). Retrieved July 05, 2017, from <https://www.venclextahcp.com/>

