

Syrosingopine, a dual **MCT1/4** inhibitor and old antihypertensive drug with good CNS penetration, showed dose-dependent anti-tumor effects in vitro on **U87MG** and **LN229** glioma cell lines:

Increased cytotoxicity

Enhanced apoptosis

Reduced migration/invasion

Clinical Relevance:

MCT1/4 may serve as diagnostic immunohistochemical markers.

Syrosingopine may represent a promising adjunctive therapy for GBM ¹⁾

¹⁾

Behera MM, Purkait S, Ghosh A, Sable MN, Sahu RN, Chhabra G. The **Monocarboxylate Transporters MCT1** and **MCT4** Are Highly Expressed in **Glioblastoma** and Crucially Implicated in the **Pathobiology**. *Neuropathology*. 2025 Mar 27. doi: 10.1111/neup.70006. Epub ahead of print. PMID: 40145253.

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