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Anti-ROR1 ADC VLS-101

National Cancer Institute

Source

National Cancer Institute. *Anti-ROR1 ADC VLS-101*. NCI Thesaurus. Code C157772.

An antibody-drug conjugate (ADC) composed of a monoclonal antibody against the tumor-associated antigen (TAA) receptor tyrosine kinase-like orphan receptor 1 (ROR1) linked to an as of yet undisclosed cytotoxic agent, with potential antineoplastic activity. Upon intravenous administration, the monoclonal antibody moiety of VLS-101 targets and binds to ROR1 expressed on tumor cells. Upon binding and internalization, the cytotoxic agent is released and kills the ROR1-expressing cancer cells, through an as of yet unknown mechanism of action. ROR1, also known as neurotrophic tyrosine kinase, receptor-related 1 (NTRKR1), is expressed during embryogenesis and by certain leukemias. It plays key roles in tumor cell proliferation and survival.