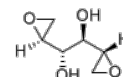


Product Name : VAL-083
Cat. No. : PC-20967
CAS No. : 23261-20-3
Molecular Formula : C₆H₁₀O₄
Molecular Weight : 146.14
Target : DNA Alkylator/Crosslinker
Solubility : 10 mM in DMSO



CAS: 3261-20-3

Biological Activity

VAL-083 (Dianhydrodulcitol) is a small alkylating molecule that induces interstrand DNA crosslinking, induces persistent DNA double-strand breaks (DSB) and cell-cycle arrest in a p53-dependent or p53-independent manner.

References

Jiménez-Alcázar M, et al. Mol Cancer Ther. 2021 Jun;20(6):1029-1038.

Golebiewska A, et al. Acta Neuropathol. 2020 Dec;140(6):919-949.

Nemeth L, et al. Cancer Chemother Rep 1972;56:593–602.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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