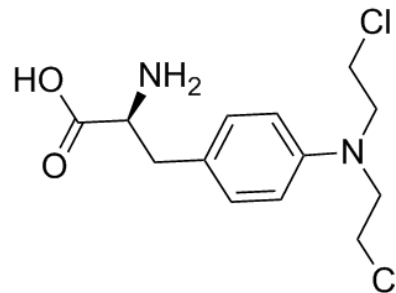


Product Name : Melphalan
Cat. No. : PC-45363
CAS No. : 148-82-3
Molecular Formula : C₁₃H₁₈Cl₂N₂O₂
Molecular Weight : 305.2002
Target : DNA Alkylator/Crosslinker
Solubility : DMSO: < 9.2 mg/mL



Biological Activity

Melphalan is a chemotherapy agent that acts through alkylation of the DNA nucleotide guanine, and causes linkages between strands of DNA.

Melphalan inhibits DNA synthesis and RNA synthesis in both dividing and non-dividing tumor cells.

References

Dudek-Perić AM, et al. **Cancer Res.** 2015 Apr 15;75(8):1603-14.

Keane MM, et al. **Cancer Res.** 1999 Feb 1;59(3):734-41.

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

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