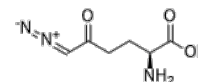


Product Name : 6-diazo-5-oxo-L-norleucine
Cat. No. : PC-25739
CAS No. : 157-03-9
Molecular Formula : C₆H₉N₃O₃
Molecular Weight : 171.16
Target : Glutaminase
Solubility : 10 mM in DMSO



Biological Activity

6-Diazo-5-oxo-L-norleucine (DON) is a gamma-glutamyl analog and glutamine antagonist, inhibits phosphate-activated glutaminase, shows anticancer activity and reduces the self-renewal potential and metastatic capacity of tumour cells.

References

- Shapiro RA, et al. Biochem J. 1982 Dec 1;207(3):561-6.
Wu F, et al. Anticancer Res. 1997 Jul-Aug;17(4A):2363-7.
Takeuchi H, et al. Exp Neurol. 2008 Nov;214(1):144-6.

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

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