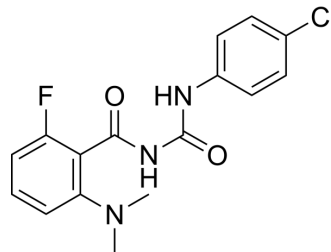


Clanfenur

Cat. No.:	HY-106825
CAS No.:	51213-99-1
Molecular Formula:	C ₁₆ H ₁₅ ClFN ₃ O ₂
Molecular Weight:	335.76
Target:	Microtubule/Tubulin
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Clanfenur is a substituted benzoylphenylurea, an analogue of the pesticide fenfluramide, with potential antineoplastic activity. Clanfenur can bind to the colchicine-binding site on β -tubulin, inhibit microtubule polymerization, and thus prevent tumor cell replication^[1].

REFERENCES

[1]. J D Jonkman-de Vries, et al. Pharmaceutical development of a parenteral formulation of the investigational anticancer drug clanfenur. PDA J Pharm Sci Technol. 1997 Mar-Apr;51(2):89-95.

Caution: Product has not been fully validated for medical applications. For research use only.

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