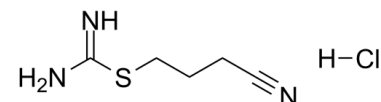


## Data Sheet

<b>Product Name:</b>	Kevetrin (hydrochloride)
<b>Cat. No.:</b>	CS-4976
<b>CAS No.:</b>	66592-89-0
<b>Molecular Formula:</b>	C5H10CIN3S
<b>Molecular Weight:</b>	179.67
<b>Target:</b>	MDM-2/p53
<b>Pathway:</b>	Apoptosis
<b>Solubility:</b>	DMSO : ≥ 40 mg/mL (222.63 mM)



### BIOLOGICAL ACTIVITY:

Kevetrin hydrochloride is a small molecule and activator of the tumor suppressor protein p53, with potential antineoplastic activity. Target : p53 in vitro: Kevetrin activates p53 which in turn induces the expressions of p21 and PUMA (p53 up-regulated modulator of apoptosis), thereby inhibiting cancer cell growth and causing tumor cell apoptosis. Kevetrin may be effective in drug-resistant cancers with mutated p53. p53 tumor suppressor, a transcription factor regulating the expression of many stress response genes and mediating various anti-proliferative processes, is often mutated in cancer cells. in vivo: Kevetrin has demonstrated potent anti-tumor efficacy against various carcinoma xenograft models: lung, breast, colon, prostate and squamous cell carcinoma, and in a leukemia tumor model. In drug-resistant cell lines, Kevetrin has shown excellent activity, galvanizing the Company to focus on Kevetrin's development potential in this area.

### CAIndexNames:

Carbamimidothioic acid, 3-cyanopropyl ester, hydrochloride (1:1)

### SMILES:

NC(SCCCC#N)=N.[H]Cl

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA