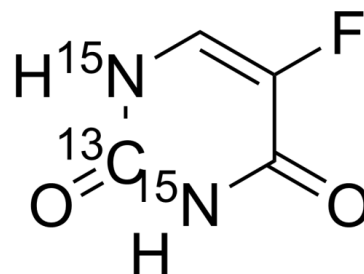


Data Sheet

Product Name:	5-Fluorouracil- ¹³ C, ¹⁵ N ₂
Cat. No.:	CS-0203279
CAS No.:	1189423-58-2
Molecular Formula:	C ₃ ¹³ CH ₃ F ¹⁵ N ₂ O ₂
Molecular Weight:	133.06
Target:	Apoptosis; Endogenous Metabolite; HIV; Nucleoside Antimetabolite/Analog
Pathway:	Anti-infection; Apoptosis; Cell Cycle/DNA Damage; Metabolic Enzyme/Protease
Solubility:	10 mM in DMSO



References:

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- [3]. McQuade RM, et al. Gastrointestinal dysfunction and enteric neurotoxicity following treatment with anticancer chemotherapeutic agent 5-fluorouracil. *Neurogastroenterol Motil.* 2016 Jun 28.
- [4]. Zeng Q, et al. Knockdown of NFBD1/MDC1 enhances chemosensitivity to NSC 119875 or 5-fluorouracil in nasopharyngeal carcinoma CNE1 cells. *Mol Cell Biochem.* 2016 Jul418(1-2):137-46.
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CAIndexNames:

2,4(1H,3H)-Pyrimidinedione-2-¹³C-1,3-¹⁵N₂, 5-fluoro-

SMILES:

O=C1C(F)=C[¹⁵NH][¹³C]([¹⁵NH]1)=O

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

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