

Tipiracil (hydrochloride)

Catalog No: tcsc1637



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg

Size: 200mg



Specifications

CAS No:

183204-72-0

Formula:

$C_9H_{12}Cl_2N_4O_2$

Pathway:

Cell Cycle/DNA Damage

Target:

Nucleoside Antimetabolite/Analog

Form:

White to off-white (Solid)

Purity / Grade:

99.32%

Solubility:

H₂O : 50 mg/mL (179.13 mM; Need ultrasonic);

DMF : DMSO :

Storage Instruction:

Storage temp. 2-8°C

Observed Molecular Weight:

279.12

References

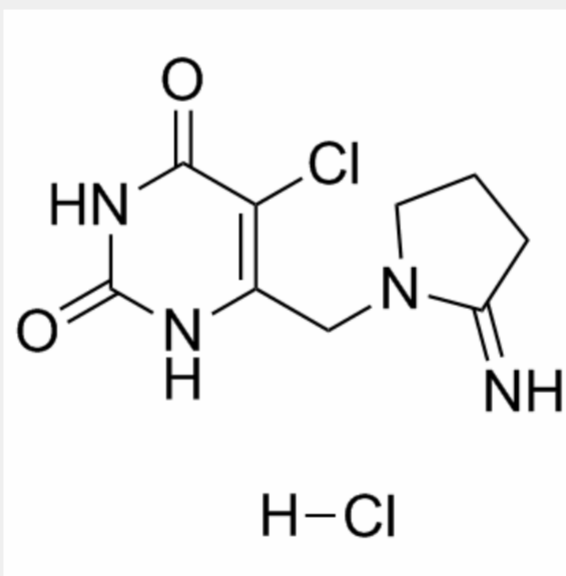
[1]. Peters GJ, et al. TAS-102: more than an antimetabolite. *Lancet Oncol.* 2012 Dec;13(12):e518-9. [2]. Yoshino T, et al. TAS-102 monotherapy for pretreated metastatic colorectal cancer: a double-blind, randomised, placebo-controlled phase 2 trial. *Lancet Oncol.* 2012 Oct;13(10):993-1001.

Product Description

Tipiracil (hydrochloride) is a thymidine phosphorylase inhibitor (TPI), used for cancer research.

In Vitro: Tipiracil has antiangiogenic effect, and inhibits proliferation of endothelial cells^[1]. Tipiracil is a potent inhibitor of thymidine phosphorylase, which is the enzyme that degrades FTD^[2].

In Vivo:



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!