
Product Data Sheet

Product Name: HSV-TK substrate

Cat. No.: GC36260

Chemical Properties

Cas. No. 111687-37-7

SMILES O=C1NC(N)=NC2=C1N=CN2[C@H]3[C@H](O)[C@H](O)[C@@H](CO)C3Formula $C_{11}H_{15}N_5O_4$ M.Wt 281.27

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

HSV-TK substrate is a substrate for HSV-TK, and induces multi-log cytotoxicity in HSV-TK-expressing and bystander cells. HSV-TK substrate shows antitumor activity[1].

[1]. Shewach DS, et al. Multi-log cytotoxicity of carbocyclic 2'-deoxyguanosine in HSV-TK-expressing human tumor cells. Hum Gene Ther. 2002 Mar 1;13(4):543-51.

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

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