
Product Data Sheet

Product Name: GLUFOSFAMIDE (D 19575)

Cat. No.: GC33326

Chemical Properties

Cas. No. 132682-98-5

SMILES O[C@@H]1[C@@H](O)[C@H](OP(NCCCI)(NCCCI)=O)O[C@H](CO)[C@H]1OFormula $C_{10}H_{21}Cl_2N_2O_7P$ M.Wt 383.16

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**

Glufosfamide is a novel alkylating agent in which the active metabolite of isophosphoramidate mustard is glycosidically linked to β -D-glucose.

[1]. Dollner R, et al. Ex vivo responsiveness of head and neck squamous cell carcinoma to glufosfamide, a novel alkylating agent. *Anticancer Res.* 2004 Sep-Oct;24(5A):2947-51.

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

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