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**Product Data Sheet**

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Product Name: Maleamic acid

Cat. No.: GC19749

**Chemical Properties**

Cas. No. 557-24-4

SMILES NC(=O)\C=C/C(O)=OFormula C4H5NO3

M.Wt 115.09

Solubility DMSO : 100 mg/mL (868.89 mM; Need ultrasonic) Storage Store at RT

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**

Maleamic acid is a useful research chemical.

Zhang, A., Yao, L., & An, M. (2017). Reversing the undesirable pH-profile of doxorubicin via activation of a di-substituted maleamic acid prodrug at tumor acidity. *Chemical Communications*, 53(95), 12826-12829. doi: 10.1039/c7cc06843c

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

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