

Product Data Sheet

Product Name: SOBRAC

Cat. No.: GC49666

Chemical Properties

Cas. No. 362678-28-2

SMILES CCCCCCCCCCCC/C=C/[C@@H](O)[C@@H](NC(CBr)=O)CO

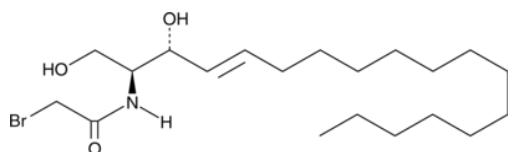
Formula C₂₀H₃₈BrNO₃ M.Wt 420.4

Solubility DMF: 2 mg/ml, DMSO: 10 mg/ml, Ethanol: 5 mg/ml, PBS (pH 7.2): insol Storage -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

SOBRAC is an irreversible inhibitor of acid ceramidase ($K_i = 29.7$ nM) and a derivative of the acid ceramidase inhibitor SABRAC.¹

1. OrdÓñez, Y.F., Abad, J.L., Aseeri, M., et al. Activity-based imaging of acid ceramidase in living cells. *J. Am. Chem. Soc.* 141(19)7736-7742 (2019)

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

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