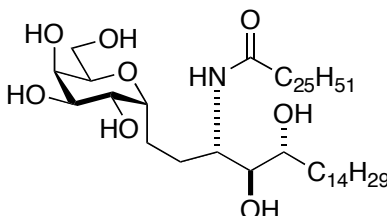


## Important Instructions for C-glycoside Use



**alpha-C-galactosylceramide (CRONY-101)**  
MW 856

Prepared by Dr. Guangwu Chen according to the procedures described in "E and Z  $\alpha$ -C-Galactosylceramides via Julia-Lythgoe-Kocienski Chemistry: A Test of the Receptor Binding Model for Glycolipid Immunostimulants" by Guangwu Chen, May Chien, Moriya Tsuji, and Richard W. Franck, *Chembiochem*, **2006**, 7, 1017-1022.

Prior to dissolving, store compound at 4°C.

**For bioassay, dissolve alpha-C-galactosylceramide in DMSO at a concentration of 1 mg/mL. Warming to 50-55°C and thorough sonication may be required. The resulting DMSO solution should be divided into aliquots of 20-50 microliters, placed in individual vials and stored in a freezer, -20°C or lower. To use an aliquot, the vial must be warmed to 50-55°C and thoroughly sonicated again. Dilute the DMSO solution out in the required buffer and use immediately. Borate-containing buffers are not recommended, and the C-glycoside is not stable in aqueous buffer long term. Discard any unused thawed DMSO solution, and do not refreeze.**

Alternatively, tri(propylene glycol) methyl ether (Sigma-Aldrich catalog #484245) can be used instead of DMSO

Reagents are to be used for non-commercial research purposes only and may not be used in humans or for clinical diagnosis.