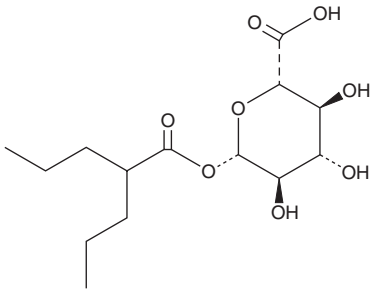
PRODUCT INFORMATION

Valproic Acid β-D-Glucuronide

Item No. 22459

CAS Registry No.:	60113-83-9
Formal Name:	β-D-glucopyranuronic acid, 1-(2-propylpentanoate)
Synonym:	Valproic Acid Gluclonide
MF:	$C_{14}H_{24}O_8$
FW:	320.3
Purity:	≥95%
UV/Vis.:	λ_{max}: 216 nm
Supplied as:	A lyophilized powder
Storage:	-20°C
Stability:	≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Valproic acid β-D-glucuronide is supplied as a lyophilized powder. A stock solution may be made by dissolving the valproic acid β-D-glucuronide in the solvent of choice, which should be purged with an inert gas. Valproic acid β-D-glucuronide is soluble in organic solvents such as methanol and DMSO.

Description

Valproic acid β-D-glucuronide is the major urinary metabolite of valproic acid (Item Nos. 35739 | 13033).[1]

Reference

1. Dickinson, R. G., Hooper, W.D., and Eadie, M. pH-dependent rearrangement of the biosynthetic ester glucuronide of valproic acid to beta-glucuronidase-resistant forms. *Drug Metab. Dispos.* **12(2)**, 247-252 (1984).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

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