
Product Data Sheet

Product Name: Verapamil EP Impurity C hydrochloride

Cat. No.: GC70115

Chemical Properties

Cas. No. 51012-67-0

Formula $C_{12}H_{20}ClNO_2$

M.Wt 245.75

Solubility DMSO : 62.5 mg/mL (254.32 mM; ultrasonic and warming and heat to 60°C)

Storage 4°C, away from moisture

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**

NSC-609249 drochloride is an **impurity** of Verapamil (P-glycoprotein (P-gp) inhibitor^{[1][2]}.

[1]. Gowarty JL, et al. Verapamil as a culprit of palbociclib toxicity. J Oncol Pharm Pract. 2019 Apr;25(3):743-746.

[2]. Krikler DM. Verapamil in arrthmia. Br J Clin Pharmacol. 1986;21 Suppl 2:183S-189S.

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

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