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## Product Data Sheet

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Product Name: Pifusertib hydrochloride

Cat. No.: GC69991

### Chemical Properties

Cas. No. 2930090-28-9

Formula  $C_{26}H_{25}ClN_4O_2$

M.Wt 460.96

Solubility DMSO : 62.5 mg/mL (135.59 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

Pifusertib (TAS-117) drochloride is a potent, selective, orally active allosteric

**Significantly reduced MM.1S tumor growth versus vehicle control.**

**[1]. Mimura N, et al. Selective and potent Akt inhibition triggers anti-myeloma activities and enhances fatal endoplasmic reticulum stress induced by proteasome inhibition. Cancer Res. 2014;74(16):4458-4469.**

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

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