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## Product Data Sheet

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Product Name: dAURK-4 hydrochloride

Cat. No.: GC68147

### Chemical Properties

Cas. No.

Formula C<sub>52</sub>H<sub>53</sub>Cl<sub>2</sub>FN<sub>8</sub>O<sub>12</sub>

M.Wt 1071.93

Solubility DMSO : 66.67 mg/mL (62.20 mM; Need ultrasonic)

Storage Store at -20°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

dAURK-4 hydrochloride, an Alisertib derivative, is a potent and selective **AURKA (Aurora A)** degrader. dAURK-4 hydrochloride has anticancer effects<sup>[1]</sup>.

dAURK-4 (125-1000 nM; 4-24 hours) hydrochloride shows degradation of AURKA in a dose-dependent manner<sup>[1]</sup>.

Cell Viability Assay<sup>[1]</sup>

Cell Line: MM.1S cells

Concentration: 125 nM, 250 nM, 500 nM, 1000 nM

Incubation Time: 4 hours or 24 hours

Result: Inhibited the protein level of AURKA (Aurora A).

[1]. Katherine A Donovan, et al. Mapping the Degradable Kinome Provides a Resource for

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

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Expedited Degradation Development. Cell. 2020 Dec 10;183(6):1714-1731.e10.

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