


## Data Sheet

### Product Information

Catalog Number	BP13230
Product Name	GDC0575 monohydrochloride
Description	GDC-0575 is a potent and selective inhibitor of cell cycle checkpoint kinase 1 (Chk1) with an IC <sub>50</sub> of 1.2 nM. GDC-0575 specifically binds to and inhibits Chk1; this may result in tumor cells bypassing Chk1-dependent cell cycle arrest in the S and G2/M phases, which permits the cells to undergo DNA repair prior to entry into mitosis.
Targets&IC <sub>50</sub>	Chk1:1.2 nM
Synonyms	GDC0575, ARRY-575, GDC-0575, GDC 0575, ARRY575
CAS No.	1196504-54-7
Chemical Formula	C <sub>16</sub> H <sub>21</sub> BrClN <sub>5</sub> O
Molecular Weight	414.73
Solubility	DMSO: 60 mg/ml (144.67 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<https://www.purduebio.com>

1-877.618.7311

[info@purduebio.com](mailto:info@purduebio.com)

v2 Revision on 12/28/2022

Purdue Bioscience Inc.