



# Data Sheet

Research Use Only

## Compound Name

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GDC-0941

## Catalog Number

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SM19

## Alternative Names

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Pictilisib, 2-(1H-indazol-4-yl)-6-((4-(methylsulfonyl)piperazin-1-yl)methyl)-4-morpholinothieno[3,2-d]pyrimidine

## Activity

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GDC-0941 is a cell-permeable, selective small molecule that inhibits Class I phosphatidylinositide 3-kinase (PI3K).

## Effect

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GDC-041 plays a vital role in diverse cellular functions such as cell growth and proliferation. This small molecule is deregulated in a number of conditions, including cancer.

## Purity

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>99%

## CAS

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957054-30-7

## Formula

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$C_{23}H_{27}N_7O_3S_2$

## Molecular Weight

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513.64

## Solubility

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DMSO

## Stability

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Stable at -20°C. Keep away from direct sunlight.

## References

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1. Gibbs, KD. Jr., et al. 2012. Cell Stem Cell. 10(2): 210-217. PMID: 22305570
2. Kanai, R., et al. 2011. Clin Cancer Res. 17(11): 3686-3696. PMID: 21505062