**BioVision** 

PRODUCT: BI 6727

ALTERNATE NAME: Volasertib

**CATALOG #**: 2222-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:

MOLECULAR FORMULA: C<sub>34</sub>H<sub>50</sub>N<sub>8</sub>O<sub>3</sub>

MOLECULAR WEIGHT: 618.81

**CAS NUMBER:** 755038-65-4

**APPEARANCE:** White to off-white solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

STORAGE: At -20°C. Protect from air and moisture

**DESCRIPTION:** A highly potent, selective and ATP-competitive inhibitor of

polo-like kinases 1, 2 and 3 (PLK1, 2 and 3), with IC<sub>50</sub>s at

0.87, 5 and 56 nM, respectively.

**REFRENCE:** Rudolph, D., et al. (2009). Clin.Cancer Res. **15**, 3094-3102.

HANDLING: Do not take internally. Wear gloves and mask when handling

the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:** 

Wortmannin (Cat. No. 1670-1)

1/13

USAGE: FOR RESEARCH CH USE ONLY! Not to be used in

humans