



# Dabrafenib PRODUCT DATA SHEET

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<b>Product Name:</b>	Dabrafenib
<b>Product Number:</b>	D072
<b>CAS Number:</b>	1195765-45-7
<b>Molecular Formula:</b>	$C_{23}H_{20}F_3N_5O_2S_2$
<b>Molecular Weight:</b>	519.56
<b>Description:</b>	Dabrafenib is a selective inhibitor of BRAF, a proto-oncogene. It is primarily used for the treatment of late-stage melanoma.
<b>Mechanism of Action:</b>	Dabrafenib is a reversible and potent adenosine triphosphate-competitive inhibitor that selectively inhibits the BRAF <sup>V600E</sup> kinase.
<b>References:</b>	Murali, R., M., & Long, G. (2012). Dabrafenib and its potential for the treatment of metastatic melanoma. <i>DDDT Drug Design, Development and Therapy</i> , 391. doi:10.2147/dddt.s38998

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