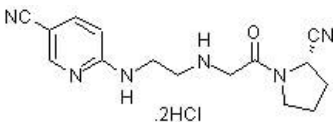


## Product datasheet

# NVP DPP 728, DPP-IV inhibitor ab142171

[1 References](#) [1 Image](#)

### Overview

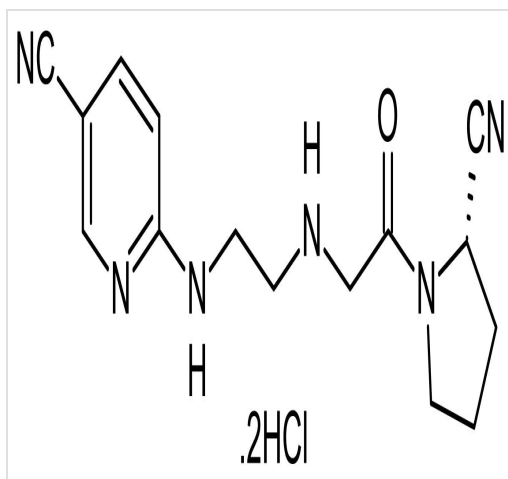
<b>Product name</b>	NVP DPP 728, DPP-IV inhibitor
<b>Description</b>	Potent, selective, reversible DPP-IV inhibitor
<b>Purity</b>	> 98%
<b>General notes</b>	This product is manufactured by BioVision, an Abcam company and was previously called 1964 DPP IV Inhibitor, NVP DPP 728. 1964-5 is the same size as the 5 mg size of ab142171.
<b>CAS Number</b>	247016-69-9
<b>Chemical structure</b>	

### Properties

<b>Chemical name</b>	6-[2-[[2-[(2S)-2-Cyanopyrrolidin-1-yl]-2-oxoethyl]amino]ethylamino] pyridine-3-carbonitrile dihydrochloride
<b>Molecular weight</b>	371.27
<b>Molecular formula</b>	C <sub>15</sub> H <sub>18</sub> N <sub>6</sub> O.2HCl
<b>PubChem identifier</b>	9799555
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water to 100 mM and in DMSO to 100 mM
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>SMILES</b>	C1CC(N(C1)C(=O)CNCCNC2=NC=C(C=C2)C#N)C#N.Cl.Cl
<b>Source</b>	Synthetic

## Images

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Chemical Structure - NVP DPP 728, DPP-IV inhibitor (ab142171)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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