



## DATA SHEET

### Product overview

Name	CELT-504 (cat n. VHL-564-1)
Short description	Potent VHL E3 ligase fluorescent ligand.
Biological description	CELT-504 is capable of binding VCB Protein Complex in a E3scan™ ELECT LeadHunter Assay with a $K_d = 2.3$ nM.
Biological action	Substrate recognition subunit ligand.
Quantity	50 µg
Purity	> 95%

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### Properties

Molecular Weight	1066.02
Source	Synthetic
Appearance	Pink solid
Formulation	Solid
Excitation	564 nM
Emission	570 nM
Pharmacological validation	The affinity of CELT-504 for VHL was confirmed by a E3scan™ ELECT LeadHunter Assay.

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### Storing and Using product

Storage instructions	-20 °C (protect from light).
Solubility overview	Soluble in DMSO.
Stock solution	Add 47 µL of DMSO to obtain a 1 mM stock solution. We recommend not exceeding 2% of DMSO in the final assay solution.

Handling	After thawing individual aliquots for use, we recommend briefly sonicating the sample to ensure it is fully dissolved and the solution is homogeneous. We do not recommend using the product after subjecting it to repetitive freeze-thaw cycles.
Shipping conditions	The product, as a solid, is stable at ambient temperature for periods of up to a few days and does not require shipping on ice/dry ice.
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.