



DATA SHEET

Product overview

Name	CELT-077 (cat n. CRBN-589-1)
Short description	Potent CRBN E3 ligase fluorescent ligand.
Biological description	CELT-077 is capable of binding VCB Protein Complex in a CRBN-DDB1 Human Binding E3scan™ KdELECT LeadHunter Assay with a $K_d = 20$ nM.
Biological action	Substrate recognition subunit ligand.
Quantity	50 µg
Purity	> 95%

Properties

Molecular Weight	1082.94
Source	Synthetic
Appearance	Purple solid
Formulation	Solid
Excitation	589 nM
Emission	616 nM
Pharmacological validation	The affinity of CELT-077 for VHL was confirmed by a CRBN-DDB1 Human Binding E3scan™ KdELECT LeadHunter Assay.

Storing and Using product

Storage instructions	-20 °C (protect from light).
Solubility overview	Soluble in DMSO.
Stock solution	Add 46 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.