



biochemicals

Manufactured by VDM Biochemicals.LLC

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Product Data Sheet

Product name: **Salubrial**

Cat. number: **VD-OEIA-0277**

CAS Number: **405060-95-9**

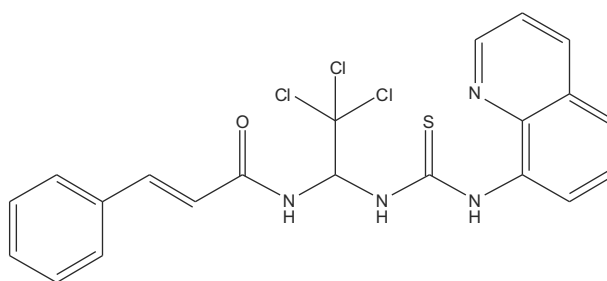
Lot number: **VD007119503**

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Personal protective equipment

■ Lab coat.

■ Safety glasses.



Product Specification

Formula:	C ₂₁ H ₁₇ Cl ₃ N ₄ OS
MW:	479.8
Purity:	>=98% by HPLC
Appearance:	Beige solid
Solubility:	DMSO
Storage:	+4°C.
Synonyms:	eIF-2α Inhibitor, SAL

Product Description:

A cell-permeable and selective inhibitor of the phosphatase complexes that dephosphorylate eukaryotic translation initiation factor 2 subunit α (eIF-2α). Shown to offer protection against ER stress-induced apoptosis (EC₅₀ ~15 μM in PC12 cells stimulated with 750 ng/ml of Tunicamycin. Prevents HSV replication both in Vero cells (IC₅₀ ~3 μM for reducing plaque formation) in vitro and in a mouse cornea infection model in vivo.

Product References

1. Boyce, M., et al. 2005. Science. 307: 935-939.
2. Boyce, M., et al. 2008. Cell Death Differ. 15: 589-599.
3. Razi, M., et al. 2009. J. Cell Biol. 185: 305-321.

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