



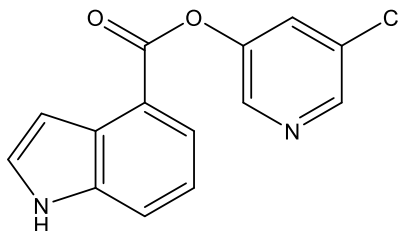
**Catalog # 10-4960**

**GRL-0496**

CAS# 1087243-14-8

1H-Indole-4-carboxylic acid, 5-chloro-3-pyridinyl ester

Lot # FBA6212



GRL-0496 is a potent ( $IC_{50} = 30$  nM in cell culture assays) inhibitor of severe acute respiratory syndrome-coronavirus chymotrypsin-like protease (SARS-CoV 3CLpro).<sup>1</sup>

- 1) Ghosh *et al.* (2008), *Design, synthesis and antiviral efficacy of a series of potent chloropyridyl ester-derived SARS-CoV 3CLpro inhibitors*; *Bioorg. Med. Chem. Lett.* **18** 5684

#### **PHYSICAL DATA**

Molecular Weight:	272.69
Molecular Formula:	C <sub>14</sub> H <sub>9</sub> ClN <sub>2</sub> O <sub>2</sub>
Purity:	>98% by HPLC
	NMR: (Conforms)
Solubility:	DMSO (>30 mg/ml) or Ethanol (>25 mg/ml)
Physical Description:	White solid
Storage and Stability:	Store as supplied desiccated at -20°C for up to 1 year from the date of purchase. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

**Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.**

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