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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Data Sheet

### N-formylkynurenine

**Catalog #:** 73000

**Lot #:** 170522

**Size:** 2 mg

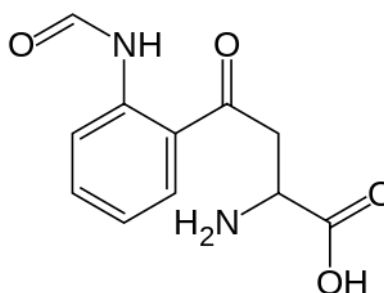
**Structure:**

**CAS Registry #:** 022-31-7

**Purity:** >95%

**Chemical Formula:** C<sub>11</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>

**Molecular Weight:** 236.2



**DESCRIPTION:** N-formylkynurenine (Kyn) is an intermediate in the catabolism of tryptophan by enzymes such as indolamine 2,3-dioxygenases (IDO1 & IDO2) and tryptophan 2,3-dioxygenase (TDO). It is a formylated derivative of kynurenine and exhibits an absorption peak at 321 nm.

**APPLICATIONS:** Standard for measuring IDO1, IDO2, or TDO specific activity with the BPS' inhibitor screening assay kits (Cat. #72021, #72022, #72023).

**STORAGE:** At least 6 months when stored at -20°C as provided. *Protect from light.*

**SOLUBILITY:** Soluble in DMSO or methanol.

**REFERENCES:**

1. Seegers, N., *et al. J Biomol Screen.* 2014; **19(9)**: 1266-74.

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