# 6-Formylindolo(3,2-b)carbazole

## Ah receptor ligand

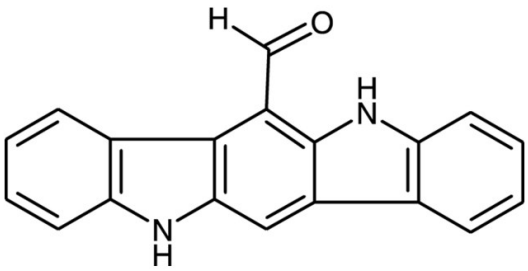
A tryptophan-derived, high affinity aryl hydrocarbon receptor ligand ($K_d$ =7x$10^{-11}$ M). Proposed to be an endogenous AhR ligand. Induces rapid and transient expression of cytochrome P450-1A1 (CYP1A1) in human cells at 100 pM.

**Citations:** 51 View Online »

## Ordering Information Order Online »

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|---|---|
| **BML-GR206-0100** | 100µg |

## Manuals, SDS & CofA View Online »


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## Handling & Storage

| | |
|---|---|
| **Use/Stability** | As indicated on product label or CoA when stored as recommended. Store solutions at -20°C for up to one month. |
| **Long Term Storage** | -20°C |
| **Shipping** | Blue Ice |

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Alternative Name** | FICZ |
| **Appearance** | Yellow solid. |
| **CAS** | 172922-91-7 |
| **Couple Target** | Ah receptor |
| **Couple Type** | Ligand |
| **Formula** | $C_{19}H_{12}N_2O$ |
| **MW** | 284.3 |
| **MeltingPoint** | >300°C |
| **Purity** | ≥95% (HPLC) |
| **Solubility** | Soluble in DMSO (10mg/ml). |

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