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6-Formylindolo(3,2-b)carbazole

Catalogue No.: abx076605

6-Formylindolo(3,2-b)carbazole is a small molecule. A tryptophan-derived, high affinity aryl hydrocarbon receptor ligand ($K_d=7 \times 10^{-11}$ M). Proposed to be an endogenous AhR ligand. Induces rapid and transient expression of cytochrome P450-1A1 (CYP1A1) in human cells at 100 pM.

Target:	6-Formylindolo(3,2-b)carbazole
Origin:	Synthetic
Purity:	>95%
Form:	Yellow solid
CAS Number:	172922-91-7
Storage:	Store at -20 °C.
Molecular Weight:	284.3
Molecular Formula:	$C_{19}H_{12}N_2O$
SMILES:	<chem>C1=CC=C2C(=C1)C3=CC4=NC5=CC=CC=C5C4=C(C3=N2)C=O</chem>
Note:	This product is for research use only.