CH 223191
Catalogue Number : 3012272

Product Information

**Synonyms:** AhR Antagonist, CH223191, AGN-PC-0KP4EW, Aryl hydrocarbon receptor antagonist

**Chemical Name:** 2-methyl-N-[2-methyl-4-[(2-methylphenyl)diazenyl]phenyl]pyrazole-3-carboxamide

**Molecular Formula:** C_{19}H_{19}N_{5}O

**Molecular Weight:** 333.4

**CAS Number:** 301326-22-7

**Purity:** ≥95%

**Applications:** FA

**Formulation:** Crystalline solid

**Storage:** Product should be kept at -20°C.

Description

CH 223191 is a specific and potent antagonist to the aryl hydrocarbon receptor (AhR), a ligand-dependent transcription factor that is involved in drug and xenobiotic metabolism. Unlike other AhR antagonists, it does not react with the estrogen receptor and is observed to effect AhR-dependent reporter gene expression in human, mouse, rat, and guinea pig cell lines. CH223191 is reported to exhibit AHR-independent pro-proliferative properties.

Preparation & Storage

Soluble in organic solvents such as ethanol and DMSO.

References

