

Product Data Sheet

Product Name: 10(11)-Cl-BBQ

Cat. No.: GC90363

Chemical Properties

Cas. No.

Formula $C_{18}H_9ClN_2O$

M.Wt 304.7

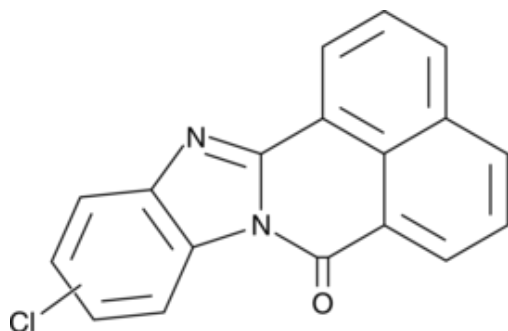
Solubility DMSO: soluble

Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

10(11)-Cl-BBQ contains the 10-Cl-BBQ and 11-Cl-BBQ congeners of Cl-BBQ and acts as an aryl hydrocarbon receptor (AhR) agonist.¹ It induces transcription of the AhR target cytochrome P450 (CYP) isoform *Cyp1a1* in mouse liver when administered intraperitoneally at a dose of 10 mg/kg. This product is a mixture of 10-Cl-BBQ and 11-Cl-BBQ.

Caution: Product has not been fully validated for medical applications. For research use only.

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