



NEW PRODUCTS

NATIVE/MASS-LABELLED HALOGENATED CARBAZOLES

Halogenated carbazoles have recently been recognized as emerging environmental contaminants, but research groups have been reporting their existence in environmental samples since 1984. There may be multiple sources of these pollutants, but it has recently been suggested that they were produced as by-products during the synthesis of halogenated indigo dyes. Since unsubstituted carbazoles are known to be lost during acid silica clean-up, it is very important that reference standards be used when processing samples.

In order to aid researchers in the detection of halogenated carbazoles in environmental samples, **Wellington** has produced certified reference standards of selected halogenated carbazoles (**CCZ-3**, **CCZ-36**, **CCZ-1368**, **CCZ-2367**, **BCZ-3**, **BCZ-27**, **BCZ-136**, **BCZ-1368**, **1-B-36-CCZ**, and **18-B-36-CCZ**) as well as two certified reference standards of mass-labelled chlorinated carbazoles (**MCCZ-36** and **MCCZ-1368**).

Catalogue Number	Product (nonane)	Qty	Conc
MCCZ-36	3,6-Dichloro-9H-[¹³ C ₁₂]carbazole	1.2 ml	50 µg/ml
MCCZ-1368	1,3,6,8-Tetrachloro-9H-[¹³ C ₁₂]carbazole	1.2 ml	50 µg/ml

Catalogue Number	Product (nonane)	Qty	Conc
CCZ-3	3-Chloro-9H-carbazole	1.2 ml	50 µg/ml
CCZ-36	3,6-Dichloro-9H-carbazole	1.2 ml	50 µg/ml
CCZ-1368	1,3,6,8-Tetrachloro-9H-carbazole	1.2 ml	50 µg/ml
CCZ-2367	2,3,6,7-Tetrachloro-9H-carbazole	1.2 ml	50 µg/ml

Catalogue Number	Product (nonane)	Qty	Conc
BCZ-3	3-Bromo-9H-carbazole	1.2 ml	50 µg/ml
BCZ-27	2,7-Dibromo-9H-carbazole	1.2 ml	50 µg/ml
BCZ-136	1,3,6-Tribromo-9H-carbazole	1.2 ml	50 µg/ml
BCZ-1368	1,3,6,8-Tetrabromo-9H-carbazole	1.2 ml	50 µg/ml

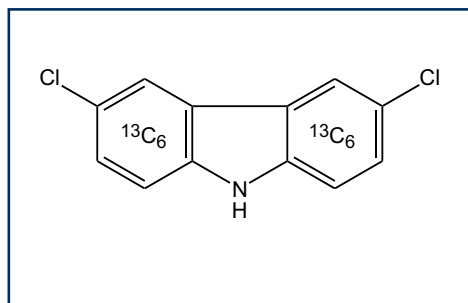
Catalogue Number	Product (nonane)	Qty	Conc
1-B-36-CCZ	1-Bromo-3,6-Dichloro-9H-carbazole	1.2 ml	50 µg/ml
18-B-36-CCZ	1,8-Dibromo-3,6-Dichloro-9H-carbazole	1.2 ml	50 µg/ml

Please contact your local distributor or info@well-labs.com for pricing and delivery.

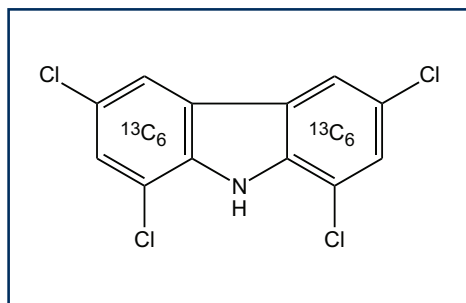
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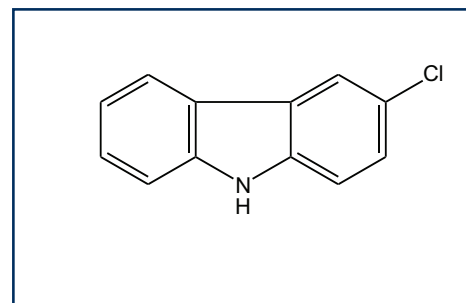
NATIVE & MASS-LABELLED HALOGENATED CARBAZOLES



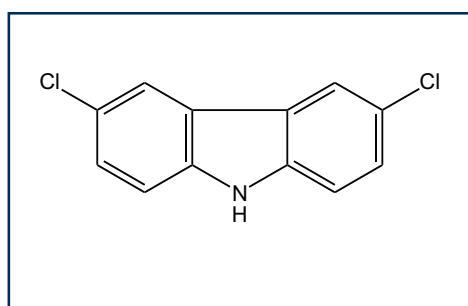
MCCZ-36



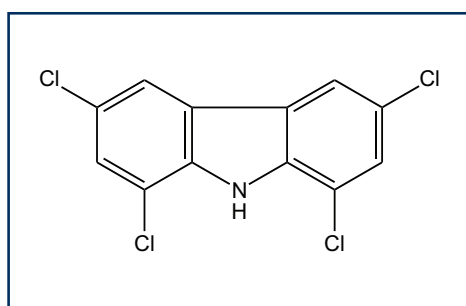
MCCZ-1368



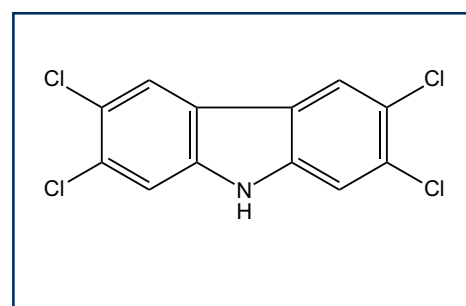
CCZ-3



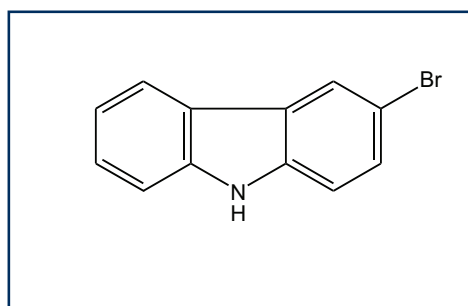
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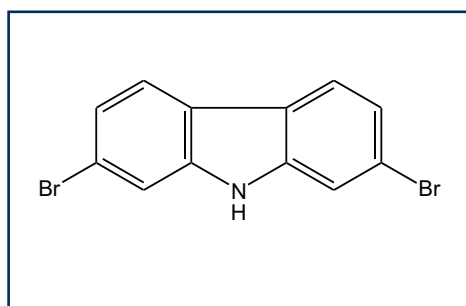
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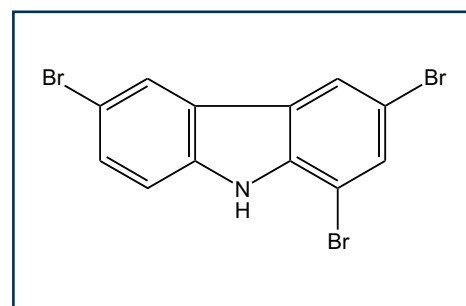
CCZ-2367



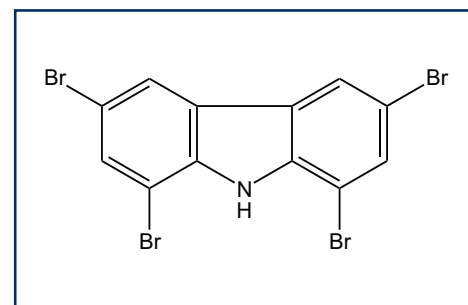
BCZ-3



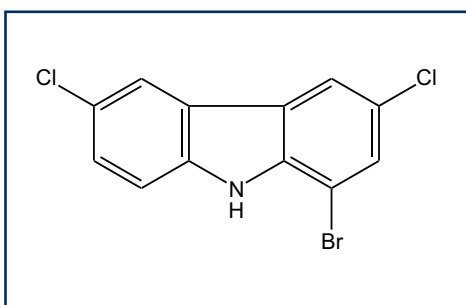
BCZ-27



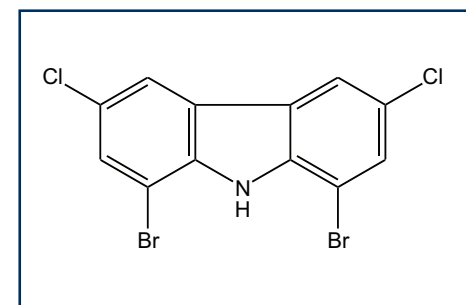
BCZ-136



BCZ-1368



1-B-36-CCZ



18-B-36-CCZ

