>>**Entry Name: 1-(4-Nitrophenyl)-2-phenylethylene**
Synonym(s): 1-Nitro-4-(2-phenethenyl)benzene, 9CI. 4-Nitrostilbene. 1-Nitro-4-styrylbenzene

CAS Registry Number: 4003-94-5

Molecular Formula: $C_{14}H_{11}NO_2$
Molecular Weight: 225.246
Accurate Mass: 225.078979
Percentage Composition: C 74.65%; H 4.92%; N 6.22%; O 14.21%
Hazard & Toxicity: Poss. carcinogen (equivocal data)

Rare Chemicals Library: S91420-7

>>**Variant:** (*E*)-form

CAS Registry Number: 1694-20-8
Molecular Formula: $C_{14}H_{11}NO_2$
Molecular Weight: 225.246
Accurate Mass: 225.078979
Percentage Composition: C 74.65%; H 4.92%; N 6.22%; O 14.21%
Physical Description: Pale-yellow needles (EtOH)
Melting Point: Mp 155°
Boiling Point: Bp_9 170°

>>**Variant:** (*Z*)-form

CAS Registry Number: 6624-53-9
Molecular Formula: $C_{14}H_{11}NO_2$
Molecular Weight: 225.246
Accurate Mass: 225.078979
Percentage Composition: C 74.65%; H 4.92%; N 6.22%; O 14.21%
Physical Description: Brownish-yellow plates (EtOH)
Melting Point: Mp 65°

References:

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