



>>Entry Name: Mercury(II) telluride (HgTe)

CAS Registry Number: 12068-90-5

HgTe

Molecular Formula: HgTe

Molecular Weight: 328.19

Accurate Mass: 331.876846

Percentage Composition: Hg 61.12%; Te 38.88%

occur on increasing pressure

Use/Importance: Ir detector

Physical Description: Solid

Melting Point: Mp 670°

Other Data: Semi-metal at r.t.; on application of pressure becomes semiconducting. When alloyed with Cd, becomes a narrow band gap semiconductor

Aldrich: 40072-6

References:

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