MATERIALS

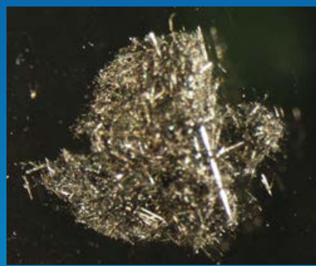
TCI

# Ready-to-Use Perovskite Precursor

# $MAPbI_3$-DMF Crystalline Solid

$CH_3NH_3PbI_3$•DMF [P2415] —(– DMF, Δ)→ $CH_3NH_3PbI_3$ **Perovskite**

*Colorless*



*Black*

## Advantages

- Serves very high PCE with reproducibility
- Ready-to-use crystalline solid for one-solution method
- Highly purified perovskite precursor
- High solubility in appropriate solvents (DMF, DMSO, NMP, GBL)

Ref.) A. Wakamiya *et al.*, Patent Pending, Appl. No. JP2015-245525.

## $PbI_2$/MAI(1:1) - DMF Complex

(99.99%, trace metal basis) [for Perovskite precursor] 1g / 5g / 25g [P2415]

This material was produced by collaboration with Assoc. Prof. Atsushi Wakamiya, Kyoto University.

## Related Products

| | |
|---|---|
| **Lead(II) Iodide** (99.99%, trace metals basis) [for Perovskite precursor] | 1g / 5g / 25g / 100g / 1kg [L0279] |
| **Lead(II) Bromide** [for Perovskite precursor] | 1g / 5g / 25g [L0288] |
| **Lead(II) Chloride** (purified by sublimation) [for Perovskite precursor] | 1g / 5g [L0291] |
| **Lead(II) Chloride** [for Perovskite precursor] | 1g / 5g / 25g [L0292] |
| **Methylamine Hydroiodide** (Low water content) (= MAI) | 1g / 5g / 25g / 100g [M2556] |
| **Formamidine Hydroiodide** (Low water content) (= FAI) | 1g / 5g / 25g [F0974] |

For further information please refer to our website at www.TCIchemicals.com. ▶▶▶ perovskite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