Supporting information for:

Flux method growth of bulk MoS₂ single crystals and application as a saturable absorber

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The captions for the supporting information:

Figure S1 the crystal grown at the ratio of starting materials;

Figure S2 the EDS images of MoS₂ crystal;

Figure S3 (a) the photos of ultrathin MoS_2 exfoliated by the liquid-phase exfoliation method in ethyl alcohol, (b) the supernatant of the centrifuge tube in (a) after centrifugation.



gure S1 the crystal grown at the ratio of starting materials (a) Mo:S:Sn=1:2:5, (b) Mo:S:Sn=1:2:10, (c) Mo:S:Sn=1:2:15, (d) Mo:S:Sn=1:2:20



Figure S2 the EDS images of MoS2 crystal



Figure S3 (a) the photo of ultrathin MoS_2 exfoliated by the liquid-phase exfoliation method in ethyl alcohol, (b) the supernatant of the centrifuge tube in (a) after centrifugation.