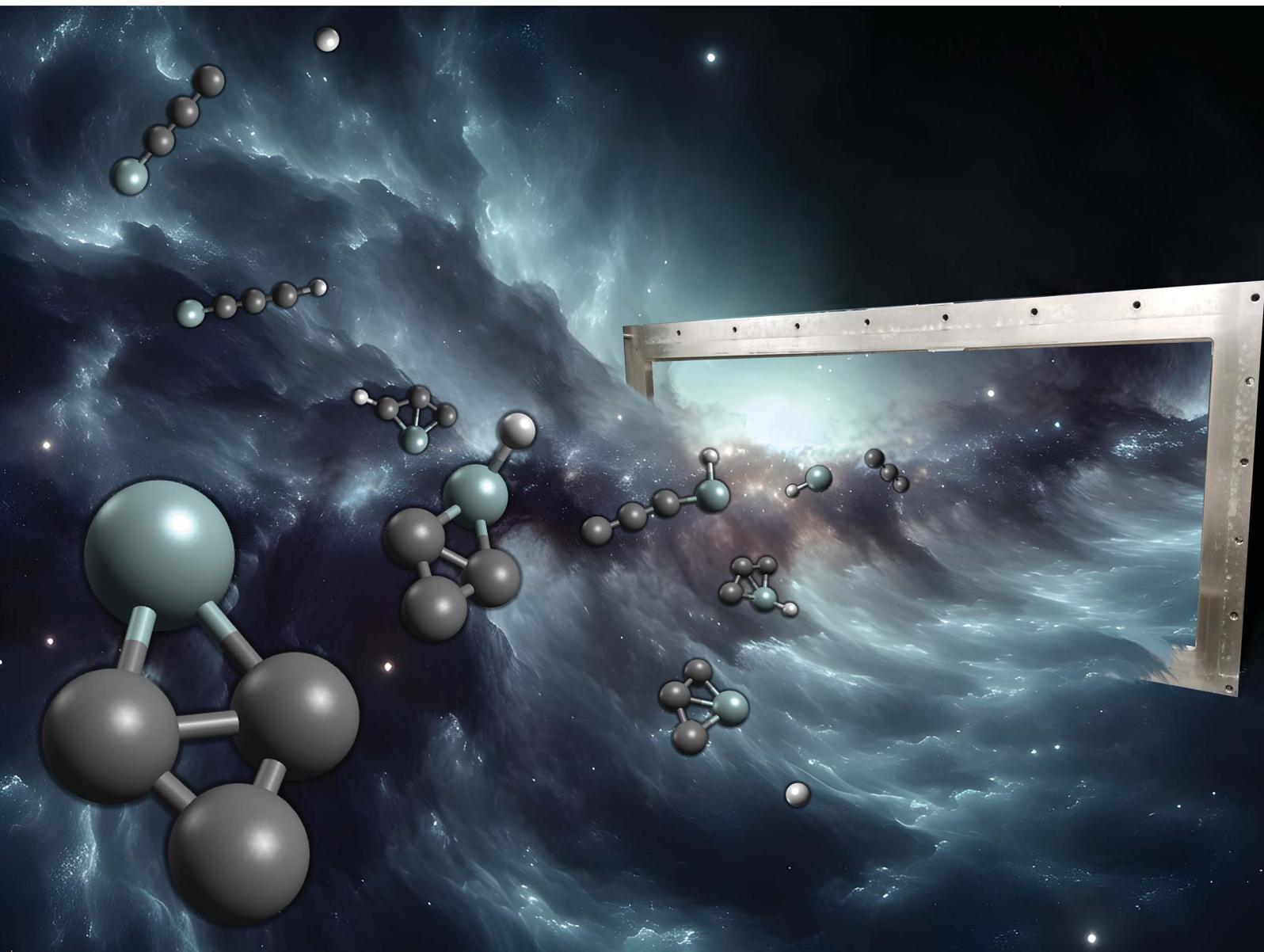


Chemical Science

Volume 17
Number 11
18 March 2026
Pages 5283–5762

rsc.li/chemical-science



ISSN 2041-6539



EDGE ARTICLE

Tosaporn Sattasathuchana, Breno R. L. Galvão, Rui Sun,
Ralf I. Kaiser *et al.*

Gas-phase synthesis of the bicyclic silicon tricarbid
molecule ($c\text{-SiC}_3$) as a precursor to silicon carbide
nanoparticles in space