Shop SPACE

telescope

130mm GoTo Reflector

Telescope

\$349.95

**Explore More** 

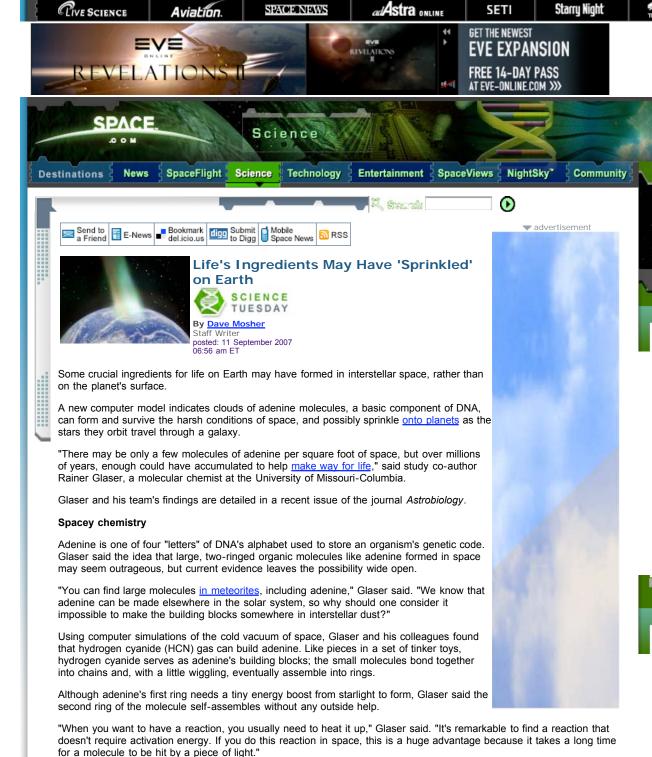
SPACE

Daily Spotlight

Store

SETI

Starry Night



Glaser said adenine's ringed shape helps it absorb and release any excess energy without breaking apart, making it

While getting adenine safely onto a rocky planet's surface is a less developed idea, Glaser said many chemists have

"We're at a very early stage of anybody even thinking about these things," he said. "The discussion of life's origin has

been highly focused on the idea of a warm pool of liquid on the planet's surface." But Glaser said recent discoveries of

SPACODENICAVAS

The Space Top 10s

**Hot Topics** 



Vote for your Space **Favorites** 

planets around distant stars is changing that focus.

stable enough to form concentrated clouds that planets can drift through.

barely toyed with the notion that life's basic ingredients formed off of the planet's surface.

Seasoned for life?

"Chemistry in space isn't the chemistry most of us are trained for," Glaser said. "We should take a much bigger approach: Where are all the chemicals in the galaxy and its solar systems, and what can you do with them?"

Antonio Lazcano, an evolutionary biologist at the National Autonomous University of Mexico who has studied life origins for the past 30 years, said Glaser and his colleagues' work is compelling.

"We already know hydrogen cyanide is abundant in interstellar clouds, and it's been suggested that comets can bring some of that material onto planets," Lazcano said. For Glaser and his team's idea to be widely supported, however, adenine needs to be detected in the deep space clouds, Lazcano said.

"The likelihood of detection is very small, but it's still possible," he said. "If astronomers can better eliminate background noise, I think we'll have equipment sensitive enough to detect adenine dust clouds."

- ► The Top 10 Extrasolar Planets
- ▶ Scientists: Calculations Prove Life Began in Comet
- Greatest Mysteries: Does Alien Life Exist?

# Marketplace Links Endless Pools®-Free DVD Accept No Imitations. 1000's of Endless Pools Sold Across the Globe www.EndlessPools.com HP DL360 Manage remotely with one interface - the HP ProLiant DL360 G5 server. Play EVE Free Join EVE, the largest MMO universe in the world, and fight for intergalactic supremacy. Free for 14 Days.

## Satellite Imagery - Free

Satellite Imagery of any location on the planet. Get Earth, Free. SatelliteImageryDownloads.com/Free

## Download Earth, It's Free

View Hi-Res Images of any Place. Get Free Version of Earth Program. www.DownloadGoogleEarthForFree.com

# **2007 Satellite Photos**

Recent Aerial and Satellite Photos available for downlaod and printing www.GlobeXplorer.com

# SPACE Top Stories

- Hope for Earth: Planet Survives Star's Death Throes
- ► Target Moon: Japan's Kaguya Probe Set for Lunar Mission
- Life's Ingredients May Have 'Sprinkled' on Earth
- ► Cassini in Safe Mode After Saturn Flight
- Wobbles of Mars Produced 40 Ice Ages
- NASA Returns Asteroid Probe to Launch Pad
- ▶ Bizarre Parasitic Star Found
- Mars Rover Dips Toe into Crater

# **OVESCIENCE**. Top Stories

- New Depression Rx: Get Married
- Study: Hundreds of Bird Species Endangered by 2050
- ▶ E. coli Thrives in Beach Sands
- New Device Turns Waste Heat into Electricity
- Survey: Families Not Storing Guns Safely
- Have Sex While You Sleep
- Penis Myths Debunked
- ▶ Poll: A Fifth of Vacationers Bring Laptop
- ▶ Sharks Use Strange Trick to Hunt Prey



Space Trivia



**Multimedia Features** 



SPACE.com Reader Favorites



**Space Wallpapers** 



Space Video Collection



Space Image Gallery Collection



- Amazing Images
- Discussion Board
- Job Search
- Log In
- e-Newsletter Sign Up

- Small 'Hobbit' Galaxies Made Almost Entirely of Dark Matter
- SOS: How to Save an Old Satellite
- Space Tourism Firm Short on Funds, Partners for Singapore Spaceport
- Shooting Star' Trails Narrower Than A Pencil Lead
- Shuttle Astronauts Honored at Walt Disney World
- ▶ Russia Launches New Military Satellite
- ▶ BLOG: Japan Delays Moon Probe's Launch One Day
- Proton Failure Pinches Already Tight Commercial Launch Outlook
- <u>Hubble Telescope</u>: Solved and Unsolved Mysteries
- NASA Gives Rocketplane Kistler Termination Notice
- Mars Rover to Enter Giant Crater
- Buzz Aldrin Says Ex-Astronaut Should Be Admired, But Not Excused
- ▶ Phoenix: Here's the Scoop

- First-Ever 5,000-Year Record of Hurricanes
  Compiled
- ▶ Did Upright Walking Start in Trees?
- Study Finds Cocaine, Pot in Rome's Air
- Revised Global Warming Forecast: Even More Rain
- NASA Chief's Global Warming Remarks Called 'Naive'



Site Map | News | SpaceFlight | Science | Technology | Entertainment | SpaceViews | NightSky | Ad Astra | SETI | Hot Topics Image Galleries | Videos | Reader Favorites | Image of the Day | Amazing Images | Wallpapers | Games | Community about us | FREE Email Newsletter | message boards | register at SPACE.com | contact us | advertise | terms of service | privacy statement DMCA/Copyright

What is This?

© 1999-2007 Imaginova Corp. ALL RIGHTS RESERVED.

Get the movies you love.



\$499 Try Us For Free

Free Shipping No Late Fees Over 85,000 Titles